

Cheap Tweets

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Intro

```
#Read in needed packages  
library(stargazer)
```

```
##  
## Please cite as:  
## Hlavac, Marek (2022). stargazer: Well-Formatted Regression and Summary Statistics Tables.  
## R package version 5.2.3. https://CRAN.R-project.org/package=stargazer
```

```
library(lmtest)
```

```
## Loading required package: zoo
```

```
##
```

```
## Attaching package: 'zoo'
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
## as.Date, as.Date.numeric
```

```
#set WD
```

```
setwd("/Users/harri/Dropbox (MIT)/Audience Costs and Twitter/SUBMISSION 2023/ISQ Final Accepted/Replica")
```

Public Sample

```
DF_PublicSample <-read.csv("Data, Public_Sample.csv")
```

Demographic Table Stats

Gender

```
table(DF_PublicSample$Q.Female)
```

```
##
```

```
## 0 1
```

```
## 476 442
```

```
length(na.omit(DF_PublicSample$Q.Female[DF_PublicSample$Q.Female==0]))/length(DF_PublicSample$Q.Female)
```

```
## [1] 0.4872057
```

```
sum(na.omit(DF_PublicSample$Q.Female))/length(DF_PublicSample$Q.Female) #females
```

```
## [1] 0.4524053
```

```
sum(is.na(DF_PublicSample$Q.Female))/length(DF_PublicSample$Q.Female) #NAs/other
```

```
## [1] 0.06038895
```

Race

```
sum(na.omit(DF_PublicSample$Q.White))/length((DF_PublicSample$Q.White))
```

```
## [1] 0.6806551
```

```
sum(na.omit(DF_PublicSample$Q.Black))/length((DF_PublicSample$Q.Black))
```

```
## [1] 0.09825998
```

```
sum(na.omit(DF_PublicSample$Q.AIorAN))/length((DF_PublicSample$Q.AIorAN))
```

```
## [1] 0.01330604
```

```
sum(na.omit(DF_PublicSample$Q.Asian))/length((DF_PublicSample$Q.Asian))
```

```
## [1] 0.0419652
```

```
sum(na.omit(DF_PublicSample$Q.NHorPI))/length((DF_PublicSample$Q.NHorPI))
```

```
## [1] 0.008188332
```

```
sum(na.omit(DF_PublicSample$Q.Hispanic))/length((DF_PublicSample$Q.Hispanic))
```

```
## [1] 0.07369498
```

```
sum(na.omit(DF_PublicSample$Q.Mixed))/length((DF_PublicSample$Q.Mixed))
```

```
## [1] 0.0174002
```

```
sum(na.omit(DF_PublicSample$Q.Other))/length((DF_PublicSample$Q.Other))
```

```
## [1] 0.01023541
```

```
sum(na.omit(DF_PublicSample$Q.Other_Mixed))/length((DF_PublicSample$Q.Other_Mixed))
```

```
## [1] 0.02763562
```

```
sum(is.na(DF_PublicSample$Q.Race))/length(DF_PublicSample$Q.Race)
```

```
## [1] 0.05629478
```

Age

```
summary(DF_PublicSample$Q.Age)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's  
##  18.00   32.00   46.00  46.33   60.00   88.00    52
```

Education

```
table(DF_PublicSample$Q.Education)
```

```
##
## 1 2 3 4 5 6 7 8
## 8 35 196 195 122 229 30 110
sum((na.omit(DF_PublicSample$Q.HighSchool)))/length((DF_PublicSample$Q.HighSchool))
## [1] 0.9027636
sum((na.omit(DF_PublicSample$Q.Bach)))/length((DF_PublicSample$Q.Bach))
## [1] 0.3776868
sum(is.na(DF_PublicSample$Q.Education))/length(DF_PublicSample$Q.Education)
## [1] 0.05322416
```

Income

```
table(DF_PublicSample$Q.Income)
##
## 1 2 3 4 5 6 7 8
## 166 225 165 113 67 71 31 81
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==1]))/length(DF_PublicSample$Q.Income)
## [1] 0.1699079
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==2]))/length(DF_PublicSample$Q.Income)
## [1] 0.2302968
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==3]))/length(DF_PublicSample$Q.Income)
## [1] 0.1688843
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==4]))/length(DF_PublicSample$Q.Income)
## [1] 0.1156602
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==5]))/length(DF_PublicSample$Q.Income)
## [1] 0.06857728
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==6]))/length(DF_PublicSample$Q.Income)
## [1] 0.07267144
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==7]))/length(DF_PublicSample$Q.Income)
## [1] 0.03172979
length(na.omit(DF_PublicSample$Q.Income[DF_PublicSample$Q.Income==8]))/length(DF_PublicSample$Q.Income)
## [1] 0.08290686
sum(is.na(DF_PublicSample$Q.Income))/length(DF_PublicSample$Q.Income)
## [1] 0.0593654
```

Political ID

```
table(DF_PublicSample$Q.Political_ID)

##
##  1  2  3  4  5
## 118 155 361 183 103

sum(na.omit(DF_PublicSample$Q.Liberal))/length((DF_PublicSample$Q.Liberal))

## [1] 0.2794268

sum(na.omit(DF_PublicSample$Q.Moderate))/length((DF_PublicSample$Q.Moderate))

## [1] 0.3694985

sum(na.omit(DF_PublicSample$Q.Conservative))/length((DF_PublicSample$Q.Conservative))

## [1] 0.2927329

sum(is.na(DF_PublicSample$Q.Political_ID))/length(DF_PublicSample$Q.Political_ID)

## [1] 0.05834186
```

Veteran

```
table(DF_PublicSample$Q.Veteran)

##
##  0  1
## 803 124

length(na.omit(DF_PublicSample$Q.Veteran[DF_PublicSample$Q.Veteran==0]))/length(DF_PublicSample$Q.Veteran)

## [1] 0.8219038

length(na.omit(DF_PublicSample$Q.Veteran[DF_PublicSample$Q.Veteran==1]))/length(DF_PublicSample$Q.Veteran)

## [1] 0.1269191

sum(is.na(DF_PublicSample$Q.Veteran))/length(DF_PublicSample$Q.Veteran)

## [1] 0.05117707
```

Analysis

Credibility

```
## a simple regression for mean and se estimates

##### Credibility

Cred_Full_1 <- Credibility ~ 0 + as.factor(Tweet)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF_PublicSample)

summary(lm_Cred_Full_1)
```

```

##
## Call:
## lm(formula = Cred_Full_1, data = DF_PublicSample)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.2963 -1.2179  0.7037  0.7821  1.7821
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.29630     0.05885   56.01  <2e-16 ***
## as.factor(Tweet)1  3.21792     0.05855   54.96  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.297 on 975 degrees of freedom
## Multiple R-squared:  0.8633, Adjusted R-squared:  0.863
## F-statistic: 3079 on 2 and 975 DF, p-value: < 2.2e-16
length(na.omit(DF_PublicSample$Credibility[DF_PublicSample$Tweet==1]))

## [1] 491
length(na.omit(DF_PublicSample$Credibility[DF_PublicSample$Tweet==0]))

## [1] 486
#time for some regressions
#let's do a couple different models

##DV: credibility, IV: Tweet binary

## Model 1: No Demographics

Cred_Form_1 <- Credibility ~ Tweet

## Model 5: Factor Demographics

Cred_Form_5 <-
  Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran

#regression

```

```

Cred_1 <- lm(Cred_Form_1,
            data = DF_PublicSample,
            na.action=na.omit)

Cred_5 <- lm(Cred_Form_5,
            data = DF_PublicSample,
            na.action=na.omit)

Cred_7 <- lm(Cred_Form_7,
            data = DF_PublicSample,
            na.action=na.omit)

library(stargazer)

stargazer(Cred_1, Cred_5, Cred_7, title = "Perceived Credibility with Covariates", no.space = TRUE)

# Credibility ATE Graph

Cred_Alone <- as.data.frame(matrix(data = c("credibility", coefest(Cred_5)[2, 1:2], "Yes",
                                           "credibility", coefest(Cred_1)[2, 1:2], "No"),
                                ncol = 4, byrow = TRUE))

colnames(Cred_Alone) <- c("dv", "estimate", "se", "controls")

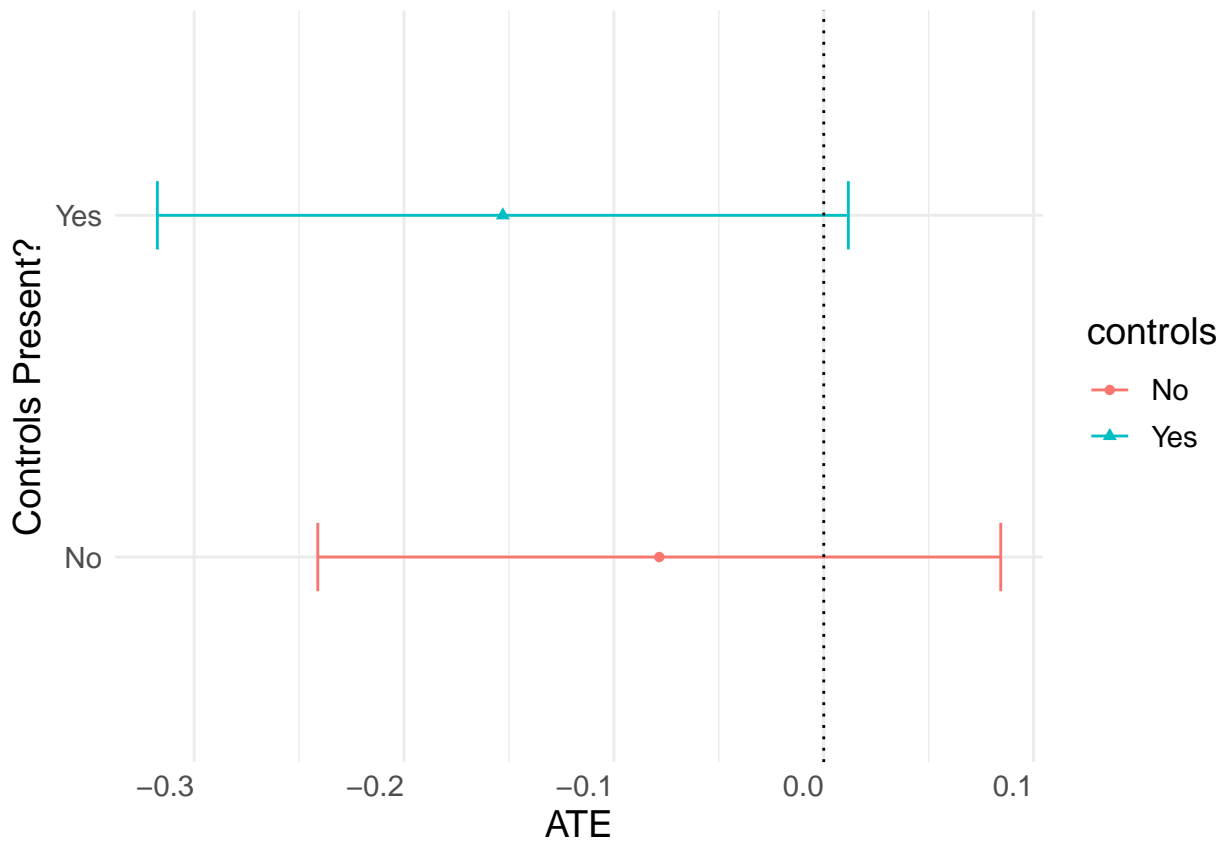
#making into correct operators
Cred_Alone$estimate <- as.numeric(Cred_Alone$estimate)
Cred_Alone$se <- as.numeric(Cred_Alone$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Cred_Alone$ci <- Cred_Alone$se*q

library(ggplot2)
## graph time
pd <- position_dodge(0.5)

ggplot(Cred_Alone, aes(x = controls, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Controls Present?") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```
##ggtitle("Credibility, ATE of Tweet Medium, Public")
```

Manipulation Check

```
##### stargazer tables for MC
```

```
# Threat/Treatment Check
```

```
## Model 1: No Demographics
```

```
Threat_Form_1 <- Threat_Check_Binary ~ Tweet
```

```
## Model 5: Factor Demographics
```

```
Threat_Form_5 <- Threat_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Threat_Form_7 <- Threat_Check_Binary ~ Tweet + Q.Female +
```

```

relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
Q.Conservative + Q.Liberal + #uses party binaries
Q.Veteran

#regression

Threat_1 <- lm(Threat_Form_1,
               data = DF_PublicSample,
               na.action=na.omit)

Threat_5 <- lm(Threat_Form_5,
               data = DF_PublicSample,
               na.action=na.omit)

Threat_7 <- lm(Threat_Form_7,
               data = DF_PublicSample,
               na.action=na.omit)

stargazer(Threat_1, Threat_5, Threat_7, title = "Treatment Check Question with Covariates", no.space = "
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@spol.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:35
## \begin{table}[!htbp] \centering
## \caption{Treatment Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline[-1.8ex]\hline
## \hline \hline[-1.8ex]
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\\
## \cline{2-4}
## \hline[-1.8ex] & \multicolumn{3}{c}{Threat\_Check\_Binary} \\\
## \hline[-1.8ex] & (1) & (2) & (3)\\
## \hline[-1.8ex]
## Tweet & $-0.215$^{***}$ & $-0.225$^{***}$ & $-0.226$^{***}$ \\\
## & (0.031) & (0.031) & (0.031) \\\
## Q.Female & & 0.080$^{**}$ & 0.083$^{**}$ \\\
## & & (0.033) & (0.033) \\\
## relevel(as.factor(Q.Race), ref = 1)2 & & $-0.062$ & $-0.053$ \\\
## & & (0.053) & (0.054) \\\
## relevel(as.factor(Q.Race), ref = 1)3 & & $-0.044$ & $-0.061$ \\\
## & & (0.133) & (0.132) \\\
## relevel(as.factor(Q.Race), ref = 1)4 & & $-0.002$ & 0.025 \\\
## & & (0.077) & (0.077) \\\
## relevel(as.factor(Q.Race), ref = 1)5 & & 0.007 & 0.008 \\\
## & & (0.179) & (0.180) \\\
## relevel(as.factor(Q.Race), ref = 1)6 & & $-0.028$ & $-0.034$ \\\
## & & (0.061) & (0.061) \\\
## relevel(as.factor(Q.Race), ref = 1)7 & & 0.237$^{**}$ & 0.243$^{**}$ \\\
## & & (0.116) & (0.116) \\\
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.262$^{*}$ & 0.242 \\\
## & & (0.157) & (0.159) \\\

```

```

## Q.Age & & 0.001 & 0.001 \\
## & & (0.001) & (0.001) \\
## Q.HighSchool & & 0.108 & \\
## & & (0.079) & \\
## Q.Bach & & 0.053 & 0.057 \\
## & & (0.037) & (0.037) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.041 & \\
## & & (0.058) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.080 & \\
## & & (0.049) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.065 & \\
## & & (0.051) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$4 & & $-$0.001 & \\
## & & (0.058) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$5 & & $-$0.001 & \\
## & & (0.057) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$6 & & 0.079 & \\
## & & (0.052) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$7 & & 0.066 & \\
## & & (0.051) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.031 & \\
## & & (0.045) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.095$^{***}$ & \\
## & & (0.040) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.058 & \\
## & & (0.039) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.039 & \\
## & & (0.032) & \\
## Q.Income & & & $-$0.003 \\
## & & & (0.008) \\
## Q.Conservative & & & 0.020 \\
## & & & (0.039) \\
## Q.Liberal & & & $-$0.033 \\
## & & & (0.039) \\
## Q.Veteran & & $-$0.147$^{***}$ & $-$0.142$^{***}$ \\
## & & (0.048) & (0.048) \\
## Constant & 0.695$^{***}$ & 0.501$^{***}$ & 0.619$^{***}$ \\
## & (0.022) & (0.092) & (0.065) \\
## \\hline \\[-1.8ex]
## Observations & 977 & 906 & 906 \\
## R$^{2}$ & 0.048 & 0.120 & 0.094 \\
## Adjusted R$^{2}$ & 0.047 & 0.096 & 0.078 \\
## Residual Std. Error & 0.481 (df = 975) & 0.466 (df = 881) & 0.470 (df = 890) \\
## F Statistic & 48.735$^{***}$ (df = 1; 975) & 4.994$^{***}$ (df = 24; 881) & 6.139$^{***}$ (df = 15; 890) \\
## \\hline
## \\hline \\[-1.8ex]
## \\textit{Note:} & \\multicolumn{3}{r}{\\$^{*}$p$<$0.1; \\$^{**}$p$<$0.05; \\$^{***}$p$<$0.01} \\
## \\end{tabular}
## \\end{table}

```

```
# Target Check
```

```
## Model 1: No Demographics
```

```

Target_Form_1 <- Target_Check_Binary ~ Tweet

## Model 5: Factor Demographics

Target_Form_5 <- Target_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran

## Model 7: Slightly simplified for the Appendix

Target_Form_7 <- Target_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran

#regression

Target_1 <- lm(Target_Form_1,
  data = DF_PublicSample,
  na.action=na.omit)

Target_5 <- lm(Target_Form_5,
  data = DF_PublicSample,
  na.action=na.omit)

Target_7 <- lm(Target_Form_7,
  data = DF_PublicSample,
  na.action=na.omit)

stargazer(Target_1, Target_5, Target_7, title = "Target Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.princeton.edu
## % Date and time: Sun, Dec 31, 2023 - 14:16:35
## \begin{table}[!htbp] \centering
## \caption{Target Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} & \hline
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Target\_Check\_Binary} & \hline
## \hline & (1) & (2) & (3) & \hline
## \hline \hline

```

```

## Tweet & 0.033 & 0.037 & 0.036 \\
## & (0.031) & (0.032) & (0.032) \\
## Q.Female & & 0.074$^{**}$ & 0.071$^{**}$ \\
## & & (0.034) & (0.034) \\
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.077 & $-$0.073 \\
## & & (0.055) & (0.055) \\
## relevel(as.factor(Q.Race), ref = 1)3 & & 0.194 & 0.190 \\
## & & (0.137) & (0.135) \\
## relevel(as.factor(Q.Race), ref = 1)4 & & 0.040 & 0.059 \\
## & & (0.079) & (0.078) \\
## relevel(as.factor(Q.Race), ref = 1)5 & & 0.019 & 0.020 \\
## & & (0.184) & (0.184) \\
## relevel(as.factor(Q.Race), ref = 1)6 & & 0.026 & 0.016 \\
## & & (0.063) & (0.063) \\
## relevel(as.factor(Q.Race), ref = 1)7 & & 0.100 & 0.097 \\
## & & (0.119) & (0.119) \\
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.174 & 0.156 \\
## & & (0.162) & (0.162) \\
## Q.Age & & 0.003$^{***}$ & 0.003$^{***}$ \\
## & & (0.001) & (0.001) \\
## Q.HighSchool & & 0.143$^{*}$ & \\
## & & (0.081) & \\
## Q.Bach & & 0.008 & 0.013 \\
## & & (0.038) & (0.037) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.067 & \\
## & & (0.060) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & 0.017 & \\
## & & (0.050) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & $-$0.004 & \\
## & & (0.053) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$4 & & $-$0.007 & \\
## & & (0.059) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$5 & & $-$0.007 & \\
## & & (0.058) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$6 & & 0.006 & \\
## & & (0.054) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$7 & & 0.040 & \\
## & & (0.052) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.068 & \\
## & & (0.047) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.071$^{*}$ & \\
## & & (0.041) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.008 & \\
## & & (0.040) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.029 & \\
## & & (0.033) & \\
## Q.Income & & & $-$0.013 \\
## & & & (0.009) \\
## Q.Conservative & & & 0.018 \\
## & & & (0.040) \\
## Q.Liberal & & & $-$0.042 \\
## & & & (0.040) \\
## Q.Veteran & & $-$0.140$^{***}$ & $-$0.137$^{***}$ \\
## & & (0.049) & (0.049)

```

```

## Constant & 0.580*** & 0.280*** & 0.474*** \\
## & (0.022) & (0.095) & (0.066) \\
## \hline \[-1.8ex]
## Observations & 977 & 906 & 906 \\
## R2 & 0.001 & 0.057 & 0.045 \\
## Adjusted R2 & 0.0001 & 0.031 & 0.029 \\
## Residual Std. Error & 0.491 (df = 975) & 0.480 (df = 881) & 0.480 (df = 890) \\
## F Statistic & 1.090 (df = 1; 975) & 2.209*** (df = 24; 881) & 2.809*** (df = 15; 890) \\
## \hline
## \hline \[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{*p<$0.1; **p<$0.05; ***p<$0.01} \\
## \end{tabular}
## \end{table}

```

```
# Support Check
```

```
## Model 1: No Demographics
```

```
Support_Form_1 <- Support_Check_Binary ~ Tweet
```

```
## Model 5: Factor Demographics
```

```
Support_Form_5 <- Support_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Support_Form_7 <- Support_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran
```

```
#regression
```

```
Support_1 <- lm(Support_Form_1,
  data = DF_PublicSample,
  na.action=na.omit)
```

```
Support_5 <- lm(Support_Form_5,
  data = DF_PublicSample,
  na.action=na.omit)
```

```
Support_7 <- lm(Support_Form_7,
  data = DF_PublicSample,
  na.action=na.omit)
```

```
stargazer(Support_1, Support_5, Support_7, title = "Support Check Question with Covariates", no.space =
```

```
##  
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz  
## % Date and time: Sun, Dec 31, 2023 - 14:16:36  
## \begin{table}[!htbp] \centering  
## \caption{Support Check Question with Covariates}  
## \label{}  
## \begin{tabular}{@{\extracolsep{5pt}}lccc}  
## \hline  
## \hline \hline  
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\  
## \cline{2-4}  
## \hline & \multicolumn{3}{c}{Support\_Check\_Binary} \\  
## \hline & (1) & (2) & (3) \\  
## \hline  
## Tweet & 0.032 & 0.026 & 0.019 \\  
## & (0.030) & (0.031) & (0.031) \\  
## Q.Female & & $-$0.034 & $-$0.026 \\  
## & & (0.033) & (0.033) \\  
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.038 & $-$0.037 \\  
## & & (0.053) & (0.053) \\  
## relevel(as.factor(Q.Race), ref = 1)3 & & $-$0.018 & $-$0.068 \\  
## & & (0.131) & (0.130) \\  
## relevel(as.factor(Q.Race), ref = 1)4 & & 0.122 & 0.138$^{*}$ \\  
## & & (0.075) & (0.076) \\  
## relevel(as.factor(Q.Race), ref = 1)5 & & 0.098 & 0.126 \\  
## & & (0.176) & (0.177) \\  
## relevel(as.factor(Q.Race), ref = 1)6 & & 0.013 & 0.003 \\  
## & & (0.060) & (0.060) \\  
## relevel(as.factor(Q.Race), ref = 1)7 & & $-$0.011 & $-$0.011 \\  
## & & (0.114) & (0.114) \\  
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.153 & 0.125 \\  
## & & (0.155) & (0.156) \\  
## Q.Age & & 0.002$^{**}$ & 0.003$^{***}$ \\  
## & & (0.001) & (0.001) \\  
## Q.HighSchool & & 0.330$^{***}$ & & \\  
## & & (0.077) & & \\  
## Q.Bach & & 0.086$^{**}$ & 0.098$^{***}$ \\  
## & & (0.036) & (0.036) \\  
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.008 & & \\  
## & & (0.057) & & \\  
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.0003 & & \\  
## & & (0.048) & & \\  
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.033 & & \\  
## & & (0.050) & & \\  
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 & & $-$0.008 & & \\  
## & & (0.057) & & \\  
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 & & $-$0.003 & & \\  
## & & (0.056) & & \\  
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 & & $-$0.003 & & \\  
## & & (0.051) & & \\  
##
```

```

## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$ $\hat{\mu}_7$  & & 0.034 &
## & & (0.050) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.091 $^{\ast}$  & \
## & & (0.045) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & &  $-\$0.009$  & \
## & & (0.039) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & &  $-\$0.018$  & \
## & & (0.038) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$ $\hat{\mu}_4$  & &  $-\$0.082$ 
## & & (0.031) & \
## Q.Income & & & 0.001 \
## & & & (0.008) \
## Q.Conservative & & & 0.113 $^{\ast\ast\ast}$  \
## & & & (0.039) \
## Q.Liberal & & & 0.038 \
## & & & (0.039) \
## Q.Veteran & &  $-\$0.043$  &  $-\$0.042$  \
## & & (0.047) & (0.047) \
## Constant & 0.636 $^{\ast\ast\ast}$  & 0.217 $^{\ast}$  & 0.440 $^{\ast\ast\ast}$  \
## & (0.022) & (0.091) & (0.064) \
## \hline \[-1.8ex]
## Observations & 977 & 906 & 906 \
## R $^2$  & 0.001 & 0.076 & 0.049 \
## Adjusted R $^2$  & 0.0001 & 0.051 & 0.033 \
## Residual Std. Error & 0.477 (df = 975) & 0.459 (df = 881) & 0.463 (df = 890) \
## F Statistic & 1.117 (df = 1; 975) & 3.010 $^{\ast\ast\ast}$  (df = 24; 881) & 3.075 $^{\ast\ast\ast}$  (df = 15; 890) \
## \hline
## \hline \[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{ $^{\ast}$  $p$  < $0.1;  $^{\ast\ast}$  $p$  < $0.05;  $^{\ast\ast\ast}$  $p$  < $0.01} \
## \end{tabular}
## \end{table}

```

```
# Sea Check
```

```
## Model 1: No Demographics
```

```
Sea_Form_1 <- Sea_Check_Binary ~ Tweet
```

```
## Model 5: Factor Demographics
```

```
Sea_Form_5 <- Sea_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Sea_Form_7 <- Sea_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```

Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
Q.Conservative + Q.Liberal + #uses party binaries
Q.Veteran

#regression

Sea_1 <- lm(Sea_Form_1,
            data = DF_PublicSample,
            na.action=na.omit)

Sea_5 <- lm(Sea_Form_5,
            data = DF_PublicSample,
            na.action=na.omit)

Sea_7 <- lm(Sea_Form_7,
            data = DF_PublicSample,
            na.action=na.omit)

stargazer(Sea_1, Sea_5, Sea_7, title = "Sea Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:36
## \begin{table}[!htbp] \centering
## \caption{Sea Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\\
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Sea\_Check\_Binary} \\\
## \hline & (1) & (2) & (3) \\\
## \hline
## Tweet &  $-\$0.0002$  &  $0.002$  &  $-\$0.002$  \\\
## & (0.031) & (0.032) & (0.032) \\\
## Q.Female &  $0.121^{***}$  &  $0.128^{***}$  & \\\
## & (0.034) & (0.034) & \\\
## relevel(as.factor(Q.Race), ref = 1)2 &  $-\$0.012$  &  $-\$0.013$  & \\\
## & (0.054) & (0.054) & \\\
## relevel(as.factor(Q.Race), ref = 1)3 &  $-\$0.019$  &  $-\$0.030$  & \\\
## & (0.135) & (0.134) & \\\
## relevel(as.factor(Q.Race), ref = 1)4 &  $0.038$  &  $0.057$  & \\\
## & (0.078) & (0.078) & \\\
## relevel(as.factor(Q.Race), ref = 1)5 &  $0.070$  &  $0.072$  & \\\
## & (0.182) & (0.182) & \\\
## relevel(as.factor(Q.Race), ref = 1)6 &  $-\$0.034$  &  $-\$0.036$  & \\\
## & (0.062) & (0.062) & \\\
## relevel(as.factor(Q.Race), ref = 1)7 &  $0.184$  &  $0.176$  & \\\
## & (0.118) & (0.117) & \\\
## relevel(as.factor(Q.Race), ref = 1)8 &  $0.182$  &  $0.168$  & \\\
## & (0.160) & (0.160) & \\\

```

```

## Q.Age & & $-$0.001 & $-$0.001 \\
## & & (0.001) & (0.001) \\
## Q.HighSchool & & 0.095 & \\
## & & (0.080) & \\
## Q.Bach & & $-$0.090$^{**}$ & $-$0.086$^{**}$ \\
## & & (0.037) & (0.037) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & 0.022 & \\
## & & (0.059) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.040 & \\
## & & (0.050) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.048 & \\
## & & (0.052) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$4 & & $-$0.018 & \\
## & & (0.059) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$5 & & $-$0.018 & \\
## & & (0.058) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$6 & & $-$0.018 & \\
## & & (0.053) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$7 & & $-$0.018 & \\
## & & (0.052) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.072 & \\
## & & (0.046) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.021 & \\
## & & (0.040) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.064 & \\
## & & (0.039) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.018 & \\
## & & (0.032) & \\
## Q.Income & & & 0.005 \\
## & & & (0.008) \\
## Q.Conservative & & & 0.017 \\
## & & & (0.040) \\
## Q.Liberal & & & $-$0.009 \\
## & & & (0.040) \\
## Q.Veteran & & $-$0.117$^{**}$ & $-$0.110$^{**}$ \\
## & & (0.049) & (0.048) \\
## Constant & 0.621$^{***}$ & 0.602$^{***}$ & 0.641$^{***}$ \\
## & (0.022) & (0.094) & (0.065) \\
## \\hline \\[-1.8ex]
## Observations & 977 & 906 & 906 \\
## R$^{2}$ & 0.00000 & 0.055 & 0.042 \\
## Adjusted R$^{2}$ & $-$0.001 & 0.029 & 0.025 \\
## Residual Std. Error & 0.486 (df = 975) & 0.474 (df = 881) & 0.475 (df = 890) \\
## F Statistic & 0.00005 (df = 1; 975) & 2.137$^{***}$ (df = 24; 881) & 2.571$^{***}$ (df = 15; 890) \\
## \\hline
## \\hline \\[-1.8ex]
## \\textit{Note:} & \\multicolumn{3}{r}{\\$^{*}$p$<$0.1; \\$^{**}$p$<$0.05; \\$^{***}$p$<$0.01} \\
## \\end{tabular}
## \\end{table}

#simple manipulation check percentages
#using DF_PublicSample

## overall

```

```

sum(DF_PublicSample$Threat_Check_Binary)/length(DF_PublicSample$Threat_Check_Binary)

## [1] 0.5875128
sum(DF_PublicSample$Target_Check_Binary)/length(DF_PublicSample$Target_Check_Binary)

## [1] 0.5967247
sum(DF_PublicSample$Support_Check_Binary)/length(DF_PublicSample$Support_Check_Binary)

## [1] 0.6519959
sum(DF_PublicSample$Sea_Check_Binary)/length(DF_PublicSample$Sea_Check_Binary)

## [1] 0.6212897
## Tweet Treatments
sum(DF_PublicSample$Threat_Check_Binary[DF_PublicSample$Treatment==1 | DF_PublicSample$Treatment==2])/length(DF_PublicSample$Threat_Check_Binary)

## [1] NaN
sum(DF_PublicSample$Target_Check_Binary[DF_PublicSample$Treatment==1 | DF_PublicSample$Treatment==2])/length(DF_PublicSample$Target_Check_Binary)

## [1] NaN
sum(DF_PublicSample$Support_Check_Binary[DF_PublicSample$Treatment==1 | DF_PublicSample$Treatment==2])/length(DF_PublicSample$Support_Check_Binary)

## [1] NaN
sum(DF_PublicSample$Sea_Check_Binary[DF_PublicSample$Treatment==1 | DF_PublicSample$Treatment==2])/length(DF_PublicSample$Sea_Check_Binary)

## [1] NaN
## Official Statement Treatments
sum(DF_PublicSample$Threat_Check_Binary[DF_PublicSample$Treatment==3 | DF_PublicSample$Treatment==4])/length(DF_PublicSample$Threat_Check_Binary)

## [1] NaN
sum(DF_PublicSample$Target_Check_Binary[DF_PublicSample$Treatment==3 | DF_PublicSample$Treatment==4])/length(DF_PublicSample$Target_Check_Binary)

## [1] NaN
sum(DF_PublicSample$Support_Check_Binary[DF_PublicSample$Treatment==3 | DF_PublicSample$Treatment==4])/length(DF_PublicSample$Support_Check_Binary)

## [1] NaN
sum(DF_PublicSample$Sea_Check_Binary[DF_PublicSample$Treatment==3 | DF_PublicSample$Treatment==4])/length(DF_PublicSample$Sea_Check_Binary)

## [1] NaN
## graphs for manipulation check

#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Treatment Check", coefest(Threat_1)[2, 1:2], "no",
"Treatment Check", coefest(Threat_5)[2, 1:2], "yes",
"Target Check", coefest(Target_1)[2, 1:2], "no",
"Target Check", coefest(Target_5)[2, 1:2], "yes",
"Support Check", coefest(Support_1)[2, 1:2], "no",
"Support Check", coefest(Support_5)[2, 1:2], "yes",
"Sea Check", coefest(Sea_1)[2, 1:2], "no",
"Sea Check", coefest(Sea_5)[2, 1:2], "yes"),
ncol = 4, byrow = TRUE))

```

```

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

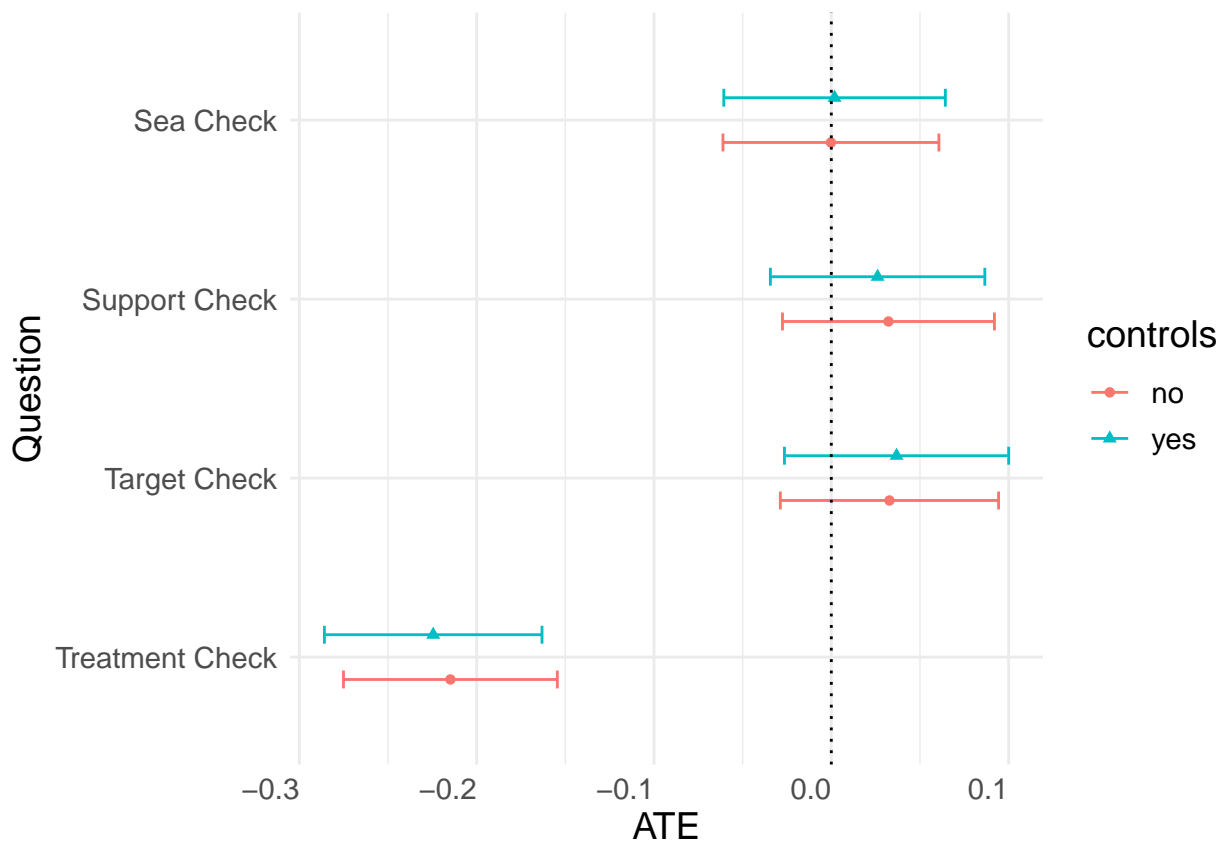
#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Treatment Check", "Target Check", "Support Check", "Sea Check"))
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```

#ggtitle("Tweet Imagery ATE by MC or AC Question") +

```

```

## mean and se tables for threat check

```

###Threat/Treatment Check

```
Threat_Full_1 <- Threat_Check_Binary ~ 0 + as.factor(Tweet)
```

```
lm_Threat_Full_1 <- lm(Threat_Full_1,  
  data = DF_PublicSample)
```

```
summary(lm_Threat_Full_1)
```

```
##  
## Call:  
## lm(formula = Threat_Full_1, data = DF_PublicSample)  
##  
## Residuals:  
##      Min       1Q   Median       3Q      Max   
## -0.6955 -0.4807  0.3045  0.3045  0.5193   
##  
## Coefficients:  
##              Estimate Std. Error t value Pr(>|t|)      
## as.factor(Tweet)0  0.69547     0.02181   31.88  <2e-16 ***   
## as.factor(Tweet)1  0.48065     0.02170   22.15  <2e-16 ***   
## ---  
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1  
##  
## Residual standard error: 0.4809 on 975 degrees of freedom  
## Multiple R-squared:  0.6071, Adjusted R-squared:  0.6063   
## F-statistic: 753.4 on 2 and 975 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF_PublicSample$Threat_Check_Binary[DF_PublicSample$Tweet==1]))
```

```
## [1] 491
```

```
length(na.omit(DF_PublicSample$Threat_Check_Binary[DF_PublicSample$Tweet==0]))
```

```
## [1] 486
```

Target Check

```
Target_Full_1 <- Target_Check_Binary ~ 0 + as.factor(Tweet)
```

```
lm_Target_Full_1 <- lm(Target_Full_1,  
  data = DF_PublicSample)
```

```
summary(lm_Target_Full_1)
```

```
##  
## Call:  
## lm(formula = Target_Full_1, data = DF_PublicSample)  
##  
## Residuals:  
##      Min       1Q   Median       3Q      Max   
## -0.6130 -0.5803  0.3870  0.4198  0.4198   
##  
## Coefficients:  
##              Estimate Std. Error t value Pr(>|t|)      
## as.factor(Tweet)0  0.58025     0.02226   26.06  <2e-16 ***   
## as.factor(Tweet)1  0.61303     0.02215   27.68  <2e-16 ***
```

```

## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4908 on 975 degrees of freedom
## Multiple R-squared:  0.5972, Adjusted R-squared:  0.5963
## F-statistic: 722.7 on 2 and 975 DF,  p-value: < 2.2e-16
length(na.omit(DF_PublicSample$Target_Check_Binary[DF_PublicSample$Tweet==1]))

## [1] 491
length(na.omit(DF_PublicSample$Target_Check_Binary[DF_PublicSample$Tweet==0]))

## [1] 486
##### Support Check

Support_Full_1 <- Support_Check_Binary ~ 0 + as.factor(Tweet)

lm_Support_Full_1 <- lm(Support_Full_1,
                       data = DF_PublicSample)

summary(lm_Support_Full_1)

##
## Call:
## lm(formula = Support_Full_1, data = DF_PublicSample)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6680 -0.6358  0.3320  0.3642  0.3642
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.63580     0.02162   29.41  <2e-16 ***
## as.factor(Tweet)1  0.66802     0.02151   31.06  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4766 on 975 degrees of freedom
## Multiple R-squared:  0.6524, Adjusted R-squared:  0.6517
## F-statistic: 914.9 on 2 and 975 DF,  p-value: < 2.2e-16
length(na.omit(DF_PublicSample$Support_Check_Binary[DF_PublicSample$Tweet==1]))

## [1] 491
length(na.omit(DF_PublicSample$Support_Check_Binary[DF_PublicSample$Tweet==0]))

## [1] 486
##### Sea Check

Sea_Full_1 <- Sea_Check_Binary ~ 0 + as.factor(Tweet)

lm_Sea_Full_1 <- lm(Sea_Full_1,
                   data = DF_PublicSample)

```

```
summary(lm_Sea_Full_1)
```

```
##  
## Call:  
## lm(formula = Sea_Full_1, data = DF_PublicSample)  
##  
## Residuals:  
##      Min       1Q   Median       3Q      Max   
## -0.6214 -0.6212  0.3786  0.3788  0.3788   
##  
## Coefficients:  
##              Estimate Std. Error t value Pr(>|t|)      
## as.factor(Tweet)0  0.62140     0.02203   28.21  <2e-16 ***   
## as.factor(Tweet)1  0.62118     0.02191   28.35  <2e-16 ***   
## ---  
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1  
##  
## Residual standard error: 0.4856 on 975 degrees of freedom  
## Multiple R-squared:  0.6213, Adjusted R-squared:  0.6205   
## F-statistic: 799.8 on 2 and 975 DF,  p-value: < 2.2e-16  
length(na.omit(DF_PublicSample$Sea_Check_Binary[DF_PublicSample$Tweet==1]))
```

```
## [1] 491
```

```
length(na.omit(DF_PublicSample$Sea_Check_Binary[DF_PublicSample$Tweet==0]))
```

```
## [1] 486
```

Interaction Effects

```
# looking at interactions between partisanship and tweet  
# and between age and Tweet  
# and between veteran and Tweet  
  
### two new formulas for interaction. 8 is interaction with partisanship. 9 is for age  
  
Cred_Form_8 <- Credibility ~ Tweet*Q.Liberal + Tweet*Q.Conservative + Q.Female + relevel(as.factor(Q.Race),  
  Q.Age + Q.Bach + Q.Income + Q.Veteran  
  
Cred_Form_9 <- Credibility ~ Tweet*Q.Age + Q.Female + relevel(as.factor(Q.Race), ref = 1) +  
  Q.Bach + Q.Income + Q.Conservative + Q.Liberal +  
  Q.Veteran  
  
Cred_Form_V <- Credibility ~ Tweet*Q.Veteran + Q.Female + relevel(as.factor(Q.Race), ref = 1) +  
  Q.Bach + Q.Income + Q.Conservative + Q.Liberal + Q.Age  
  
Cred_8 <- lm(Cred_Form_8, data = DF_PublicSample)  
Cred_9 <- lm(Cred_Form_9, data = DF_PublicSample)  
Cred_V <- lm(Cred_Form_V, data = DF_PublicSample)
```

```
stargazer(Cred_8, Cred_9, Cred_V, title = "Credibility with Interaction Terms with Covariates", no.space
```

```
##  
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz  
## % Date and time: Sun, Dec 31, 2023 - 14:16:36  
## \begin{table}[!htbp] \centering  
## \caption{Credibility with Interaction Terms with Covariates}  
## \label{}  
## \begin{tabular}{@{\extracolsep{5pt}}lccc}  
## \hline  
## \hline \hline  
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\  
## \cline{2-4}  
## \hline & \multicolumn{3}{c}{Credibility} \\  
## \hline & (1) & (2) & (3) \\  
## \hline  
## Tweet &  $-\$0.096$  &  $-\$0.068$  &  $-\$0.114$  \\  
## & (0.134) & (0.247) & (0.090) \\  
## Q.Liberal &  $0.426^{***}$  &  $0.371^{***}$  &  $0.375^{***}$  \\  
## & (0.148) & (0.104) & (0.104) \\  
## Q.Conservative &  $-\$0.522^{***}$  &  $-\$0.553^{***}$  &  $-\$0.553^{***}$  \\  
## & (0.143) & (0.104) & (0.104) \\  
## Q.Female &  $-\$0.058$  &  $-\$0.059$  &  $-\$0.065$  \\  
## & (0.089) & (0.088) & (0.088) \\  
## relevel(as.factor(Q.Race), ref = 1)2 & 0.158 & 0.155 & 0.153 \\  
## & (0.143) & (0.143) & (0.143) \\  
## relevel(as.factor(Q.Race), ref = 1)3 &  $-\$0.373$  &  $-\$0.386$  &  $-\$0.381$  \\  
## & (0.353) & (0.352) & (0.352) \\  
## relevel(as.factor(Q.Race), ref = 1)4 & 0.086 & 0.093 & 0.096 \\  
## & (0.204) & (0.204) & (0.204) \\  
## relevel(as.factor(Q.Race), ref = 1)5 & 0.375 & 0.365 & 0.384 \\  
## & (0.479) & (0.479) & (0.479) \\  
## relevel(as.factor(Q.Race), ref = 1)6 &  $-\$0.144$  &  $-\$0.147$  &  $-\$0.138$  \\  
## & (0.163) & (0.163) & (0.163) \\  
## relevel(as.factor(Q.Race), ref = 1)7 &  $-\$0.195$  &  $-\$0.194$  &  $-\$0.193$  \\  
## & (0.310) & (0.309) & (0.309) \\  
## relevel(as.factor(Q.Race), ref = 1)8 &  $-\$0.091$  &  $-\$0.099$  &  $-\$0.074$  \\  
## & (0.422) & (0.422) & (0.422) \\  
## Q.Age &  $-\$0.005^{**}$  &  $-\$0.005$  &  $-\$0.005^{**}$  \\  
## & (0.003) & (0.004) & (0.003) \\  
## Tweet:Q.Veteran & & &  $-\$0.250$  \\  
## & & & (0.248) \\  
## Q.Bach & 0.040 & 0.038 & 0.036 \\  
## & (0.097) & (0.097) & (0.097) \\  
## Q.Income & 0.029 & 0.029 & 0.029 \\  
## & (0.022) & (0.022) & (0.022) \\  
## Q.Veteran &  $0.308^{**}$  &  $0.309^{**}$  &  $0.441^{**}$  \\  
## & (0.128) & (0.127) & (0.184) \\  
## Tweet:Q.Liberal &  $-\$0.104$  & & \\  
## & (0.205) & & \\  
## Tweet:Q.Conservative &  $-\$0.066$  & & \\  
## & (0.201) & & \\  
## Tweet:Q.Age & &  $-\$0.002$  & \\  
## & & & \
```

```
## & & (0.005) & \\
## Constant & 3.501$^{***}$ & 3.486$^{***}$ & 3.505$^{***}$ \\
## & (0.179) & (0.207) & (0.173) \\
## \hline \\[-1.8ex]
## Observations & 906 & 906 & 906 \\
## R$^{2}$ & 0.108 & 0.108 & 0.109 \\
## Adjusted R$^{2}$ & 0.091 & 0.092 & 0.093 \\
## Residual Std. Error & 1.250 (df = 888) & 1.250 (df = 889) & 1.249 (df = 889) \\
## F Statistic & 6.322$^{***}$ (df = 17; 888) & 6.713$^{***}$ (df = 16; 889) & 6.776$^{***}$ (df = 16; 889) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{\textit{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01}} \\
## \end{tabular}
## \end{table}
```

AC Sensitivity Analysis

Just three ACs

```
DF4 <- subset(DF_PublicSample, DF_PublicSample$Target_Check_Binary==1)
DF5 <- subset(DF4, DF4$Support_Check_Binary==1)
DF6 <- subset(DF5, DF5$Sea_Check_Binary==1)
```

Subset

```
## a simple regression for mean and se estimates

##### Credibility

AC.Cred_Full_1 <- Credibility ~ 0 + as.factor(Tweet)
AC.lm_Cred_Full_1 <- lm(AC.Cred_Full_1,
                      data = DF6)

summary(AC.lm_Cred_Full_1)
```

Analysis

```
##
## Call:
## lm(formula = AC.Cred_Full_1, data = DF6)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.2458 -1.1258  0.7542  0.8742  1.8742
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.12579     0.10281    30.4   <2e-16 ***
## as.factor(Tweet)1  3.24581     0.09689    33.5   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## Residual standard error: 1.296 on 336 degrees of freedom
## Multiple R-squared: 0.859, Adjusted R-squared: 0.8581
## F-statistic: 1023 on 2 and 336 DF, p-value: < 2.2e-16
```

```
length(na.omit(DF6$Credibility[DF6$Tweet==1]))
```

```
## [1] 179
```

```
length(na.omit(DF6$Credibility[DF6$Tweet==0]))
```

```
## [1] 159
```

```
#time for some regressions
```

```
#let's do a couple different models
```

```
##DV: credibility, IV: Tweet binary
```

```
## Model 1: No Demographics
```

```
AC.Cred_Form_1 <- Credibility ~ Tweet
```

```
## Model 2: Demographics in Erik's Paper
```

```
## Model 5: Factor Demographics
```

```
AC.Cred_Form_5 <-
```

```
  Credibility ~ Tweet + Q.Female +
```

```
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.HighSchool + Q.Bach +
```

```
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
```

```
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
```

```
  Q.Veteran
```

```
## Model 7: Slightly simplified for the Appendix
```

```
AC.Cred_Form_7 <- Credibility ~ Tweet + Q.Female +
```

```
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
```

```
  Q.Conservative + Q.Liberal + #uses party binaries
```

```
  Q.Veteran
```

```
#regression
```

```
AC.Cred_1 <- lm(AC.Cred_Form_1,
```

```
  data = DF6,
```

```
  na.action=na.omit)
```

```
AC.Cred_5 <- lm(AC.Cred_Form_5,
```

```
  data = DF6,
```

```
  na.action=na.omit)
```

```
AC.Cred_7 <- lm(AC.Cred_Form_7,
```

```

      data = DF6,
      na.action=na.omit)

library(stargazer)

stargazer(AC.Cred_1, AC.Cred_5, AC.Cred_7, title = "Perceived Credibility, AC Questions Correct", no.spa

```

Just with MC

```
DF7 <- subset(DF_PublicSample, DF_PublicSample$Threat_Check_Binary==1)
```

Subset

```

## a simple regression for mean and se estimates

##### Credibility

MC.Cred_Full_1 <- Credibility ~ 0 + as.factor(Tweet)
MC.lm_Cred_Full_1 <- lm(MC.Cred_Full_1,
                        data = DF7)

summary(MC.lm_Cred_Full_1)

```

Analysis

```

##
## Call:
## lm(formula = MC.Cred_Full_1, data = DF7)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.1923 -1.1923 -0.1525  0.8475  1.8475
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.19231     0.07065   45.19  <2e-16 ***
## as.factor(Tweet)1  3.15254     0.08455   37.29  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.299 on 572 degrees of freedom
## Multiple R-squared:  0.8571, Adjusted R-squared:  0.8566
## F-statistic: 1716 on 2 and 572 DF, p-value: < 2.2e-16
length(na.omit(DF7$Credibility[DF7$Tweet==1]))

## [1] 236
length(na.omit(DF7$Credibility[DF7$Tweet==0]))

## [1] 338

```

```

#time for some regressions

#let's do a couple different models

##DV: credibility, IV: Tweet binary

## Model 1: No Demographics
MC.Cred_Form_1 <- Credibility ~ Tweet

## Model 2: Demographics in Erik's Paper

## Model 5: Factor Demographics
MC.Cred_Form_5 <-
  Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran

## Model 7: Slightly simplified for the Appendix
MC.Cred_Form_7 <- Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran

#regression

MC.Cred_1 <- lm(MC.Cred_Form_1,
  data = DF7,
  na.action=na.omit)

MC.Cred_5 <- lm(MC.Cred_Form_5,
  data = DF7,
  na.action=na.omit)

MC.Cred_7 <- lm(MC.Cred_Form_7,
  data = DF7,
  na.action=na.omit)

library(stargazer)

stargazer(MC.Cred_1, MC.Cred_5, MC.Cred_7, title = "Perceived Credibility, MC Question Correct", no.spa

```

Expert Experiment

```
DF_ExpertSample <- read.csv("Data, Expert_Sample.csv")
```

Analysis

```
# regression formulas

## credibility

### Model 1: No Demographics

Cred_form_1 <- Credibility ~ Tweet

### Model 5: All demographics, and ordered factors

Cred_form_5 <- Credibility ~ Tweet + AfterKabul + female + Veteran_Binary + Gov_Binary + bach +
  as.factor(Country) + Age + as.factor(Current_Affiliation) + factor(Political_ID, ordered = TRUE, levels = c("No", "Yes"))

# Regressions

library(stats)
library(lmtest)

##credibility
lm_cred_5 <- lm(formula = Cred_form_5, data = DF_ExpertSample)
lm_cred_1 <- lm(formula = Cred_form_1, data = DF_ExpertSample)

Cred_DF <- as.data.frame(matrix(data = c("credibility", coeftest(lm_cred_5)[2, 1:2], "Yes",
  "credibility", coeftest(lm_cred_1)[2, 1:2], "No"),
  ncol = 4, byrow = TRUE))

colnames(Cred_DF) <- c("dv", "estimate", "se", "controls")

#making into correct operators
Cred_DF$estimate <- as.numeric(Cred_DF$estimate)
Cred_DF$se <- as.numeric(Cred_DF$se)

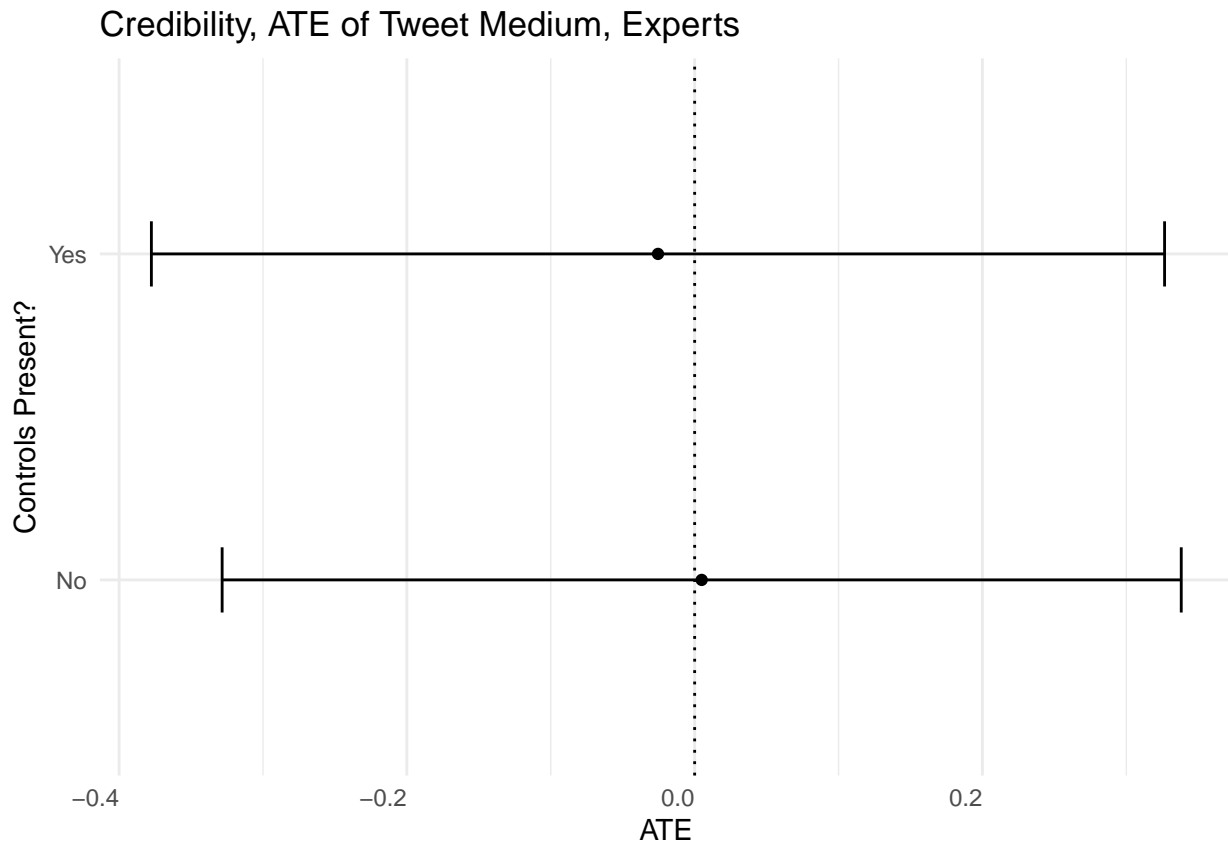
#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))

Cred_DF$ci <- Cred_DF$se*q

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

## cred graph
```

```
ggplot(Cred_DF, aes(x = controls, y = estimate)) +
  geom_point(aes(), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Controls Present?") + ylab("ATE") +
  ggtitle("Credibility, ATE of Tweet Medium, Experts") + geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1)) + coord_flip()
```



```
# let's repeat the graphs, but break them out by country

DF_US <- subset(DF_ExpertSample, DF_ExpertSample$Country==1)
DF_Singapore <- subset(DF_ExpertSample, DF_ExpertSample$Country==2)
DF_India <- subset(DF_ExpertSample, DF_ExpertSample$Country==3)

# Credibility

##have to make a new model 5 formula without country
Cred_form_5_NC <- Credibility ~ Tweet + AfterKabul + female + Veteran_Binary +
  Gov_Binary + highschool + bach + Age +
  as.factor(Current_Affiliation) + factor(Political_ID, ordered = TRUE,
  levels = c(1, 2, 3, 4, 5))

# Regressions

lm_cred_5_US <- lm(formula = Cred_form_5_NC, data = DF_US)
lm_cred_1_US <- lm(formula = Cred_form_1, data = DF_US)
lm_cred_5_Singapore <- lm(formula = Cred_form_5_NC, data = DF_Singapore)
lm_cred_1_Singapore <- lm(formula = Cred_form_1, data = DF_Singapore)
```

```

lm_cred_5_India <- lm(formula = Cred_form_5_NC, data = DF_India)
lm_cred_1_India <- lm(formula = Cred_form_1, data = DF_India)

Cred_DF_Country <- as.data.frame(matrix(data = c("credibility", coeftest(lm_cred_5_US)[2, 1:2], "Yes", "US",
"credibility", coeftest(lm_cred_1_US)[2, 1:2], "No", "US",
"credibility", coeftest(lm_cred_5_Singapore)[2, 1:2], "Yes", "Singapore",
"credibility", coeftest(lm_cred_1_Singapore)[2, 1:2], "No", "Singapore",
"credibility", coeftest(lm_cred_5_India)[2, 1:2], "Yes", "India",
"credibility", coeftest(lm_cred_1_India)[2, 1:2], "No", "India"),
ncol = 5, byrow = TRUE))

colnames(Cred_DF_Country) <- c("dv", "estimate", "se", "controls", "country")

#making into correct operators
Cred_DF_Country$estimate <- as.numeric(Cred_DF_Country$estimate)
Cred_DF_Country$se <- as.numeric(Cred_DF_Country$se)
Cred_DF_Country$country <- factor(Cred_DF_Country$country)

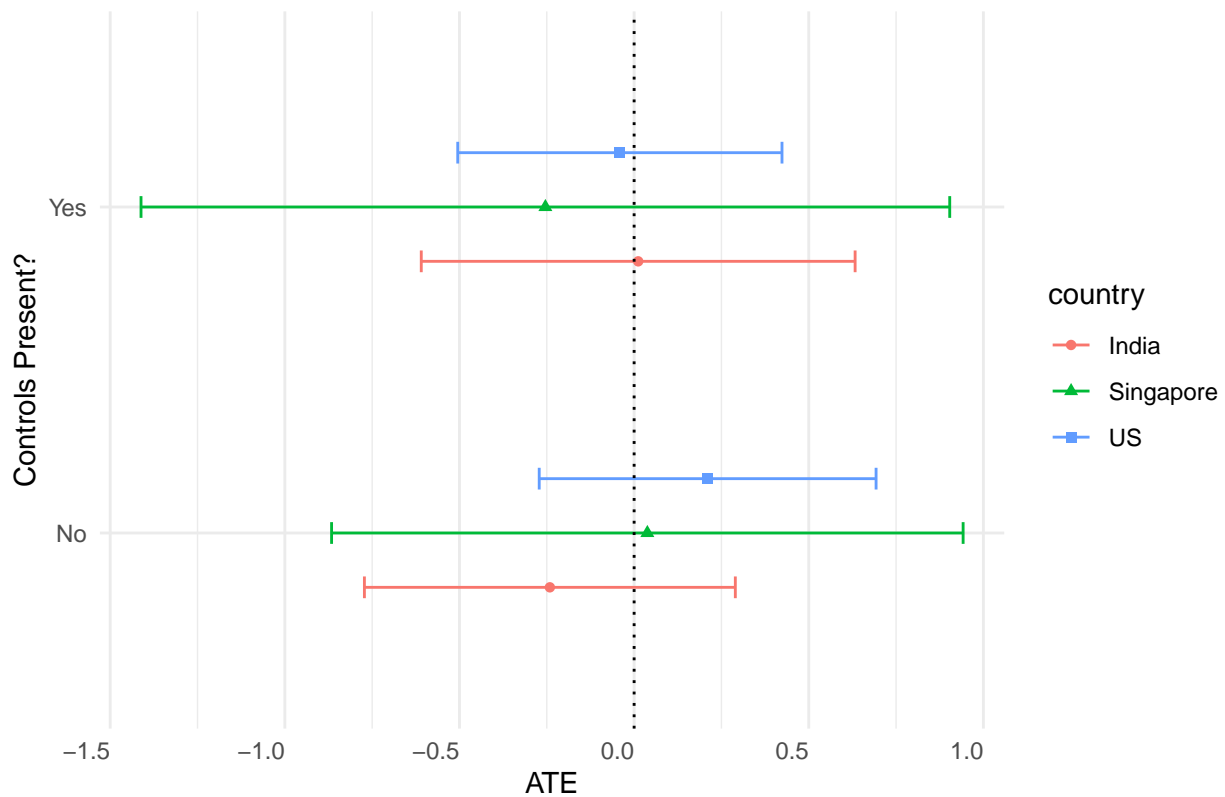
#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))

Cred_DF_Country$ci <- Cred_DF_Country$se*q

## cred graph
ggplot(Cred_DF_Country, aes(x = controls, y = estimate, color = country)) +
  geom_point(aes(color=country, shape=country), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Controls Present?") + ylab("ATE") +
  ggtitle("Credibility, ATE of Tweet Medium by Country, Experts") + geom_hline(yintercept = 0, linetype="dashed") +
  theme(axis.text.x = element_text(hjust = 1)) + coord_flip()

```

Credibility, ATE of Tweet Medium by Country, Experts



```
#stargazer of the above
library(stargazer)

stargazer(lm_cred_1, lm_cred_5, title = "Credibility, Full Elite Sample", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:37
## \begin{table}[!htbp] \centering
## \caption{Credibility, Full Elite Sample}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \hline
## \hline \hline
## & \multicolumn{2}{c}{\textit{Dependent variable:}} \hline
## \cline{2-3}
## \hline & \multicolumn{2}{c}{Credibility} \hline
## \hline & (1) & (2) \hline
## \hline \hline
## Tweet & 0.005 & $-0.025 \hline
## & (0.170) & (0.180) \hline
## AfterKabul & & 0.032 \hline
## & & (0.266) \hline
## female & & $-0.406^{*} \hline
## & & (0.209) \hline
## Veteran\_Binary & & $-0.424^{**} \hline
## & & (0.211) \hline
```

```

## Gov\_Binary & & 0.019 \\
## & & (0.245) \\
## bach & & 0.517 \\
## & & (0.382) \\
## as.factor(Country)2 & & 0.384 \\
## & & (0.333) \\
## as.factor(Country)3 & & $-0.244 \\
## & & (0.223) \\
## Age & & 0.013$^{*}$ \\
## & & (0.007) \\
## as.factor(Current\_Affiliation)2 & & 0.350 \\
## & & (0.297) \\
## as.factor(Current\_Affiliation)3 & & 0.308 \\
## & & (0.358) \\
## as.factor(Current\_Affiliation)4 & & 0.176 \\
## & & (0.252) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-0.489 \\
## & & (0.417) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-0.346 \\
## & & (0.364) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.358 \\
## & & (0.288) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & 0.190 \\
## & & (0.202) \\
## Constant & 3.104$^{***}$ & 2.097$^{***}$ \\
## & (0.121) & (0.612) \\
## \hline \\[-1.8ex]
## Observations & 234 & 212 \\
## R$^{2}$ & 0.00000 & 0.112 \\
## Adjusted R$^{2}$ & $-0.004 & 0.039 \\
## Residual Std. Error & 1.300 (df = 232) & 1.266 (df = 195) \\
## F Statistic & 0.001 (df = 1; 232) & 1.533$^{*}$ (df = 16; 195) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{2}{r}{\textit{\$}^{*}\textit{p} < \$0.1; \textit{\$}^{**}\textit{p} < \$0.05; \textit{\$}^{***}\textit{p} < \$0.01} \\
## \end{tabular} \\
## \end{table}

```

```

stargazer(lm_cred_1_US, lm_cred_5_US, title = "Credibility, US Elite Sample", no.space = TRUE)

```

```

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.uzh.ch
## % Date and time: Sun, Dec 31, 2023 - 14:16:37
## \begin{table}[!htbp] \centering
## \caption{Credibility, US Elite Sample}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & \multicolumn{2}{c}{Credibility} \\
## \\[-1.8ex] & (1) & (2) \\
## \hline \\[-1.8ex]
## Tweet & 0.211 & $-0.041

```

```

## & (0.246) & (0.237) \\
## AfterKabul & & 0.032 \\
## & & (0.283) \\
## female & &  $-\$0.672^{\{***\}}$  \\
## & & (0.261) \\
## Veteran\_Binary & &  $-\$0.223$  \\
## & & (0.290) \\
## Gov\_Binary & & 0.233 \\
## & & (0.473) \\
## highschool & & \\
## & & \\
## bach & & 0.670 \\
## & & (0.533) \\
## Age & &  $0.018^{\{*\}}$  \\
## & & (0.010) \\
## as.factor(Current\_Affiliation)2 & & 0.480 \\
## & & (0.474) \\
## as.factor(Current\_Affiliation)3 & & 0.849 \\
## & & (0.774) \\
## as.factor(Current\_Affiliation)4 & &  $-\$0.175$  \\
## & & (0.342) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & &  $-\$1.984^{\{***\}}$  \\
## & & (0.630) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & &  $-\$0.950^{\{*\}}$  \\
## & & (0.546) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.014 \\
## & & (0.378) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) $\hat{\mu}_4$  & & 0.174 \\
## & & (0.258) \\
## Constant &  $3.000^{\{***\}}$  &  $1.330^{\{*\}}$  \\
## & (0.172) & (0.782) \\
## \hline \\[-1.8ex]
## Observations & 117 & 111 \\
##  $R^2$  & 0.006 & 0.257 \\
## Adjusted  $R^2$  &  $-\$0.002$  & 0.149 \\
## Residual Std. Error & 1.330 (df = 115) & 1.207 (df = 96) \\
## F Statistic & 0.732 (df = 1; 115) &  $2.375^{\{***\}}$  (df = 14; 96) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{2}{r}{ $^{\{*\}}$  $p$  < $0.1;  $^{\{**\}}$  $p$  < $0.05;  $^{\{***\}}$  $p$  < $0.01} \\
## \end{tabular}
## \end{table}

stargazer(lm_cred_1_Singapore, lm_cred_5_Singapore, title = "Credibility, India Elite Sample", no.space

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@
## % Date and time: Sun, Dec 31, 2023 - 14:16:37
## \begin{table}[!htbp] \centering
## \caption{Credibility, India Elite Sample}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## & \multicolumn{2}{c}{\textit{Dependent variable:}} \\

```

```

## \cline{2-3}
## \[-1.8ex] & \multicolumn{2}{c}{Credibility} \\
## \[-1.8ex] & (1) & (2)\\
## \hline \[-1.8ex]
## Tweet & 0.038 & $-$0.254 \\
## & (0.461) & (0.591) \\
## AfterKabul & & 0.780 \\
## & & (0.975) \\
## female & & 1.925$^{*}$ \\
## & & (0.951) \\
## Veteran\_Binary & & 1.227 \\
## & & (0.750) \\
## Gov\_Binary & & 0.272 \\
## & & (0.721) \\
## highschool & & \\
## & & \\
## bach & & 3.042 \\
## & & (1.644) \\
## Age & & 0.103$^{**}$ \\
## & & (0.041) \\
## as.factor(Current\_Affiliation)2 & & $-$0.249 \\
## & & (0.986) \\
## as.factor(Current\_Affiliation)3 & & 5.190$^{*}$ \\
## & & (2.394) \\
## as.factor(Current\_Affiliation)4 & & 1.320 \\
## & & (1.027) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 2.296 \\
## & & (1.685) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$1.321 \\
## & & (1.660) \\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 1.677$^{*}$ \\
## & & (0.848) \\
## Constant & 3.417$^{***}$ & $-$5.368 \\
## & (0.319) & (4.336) \\
## \hline \[-1.8ex]
## Observations & 23 & 21 \\
## R$^{2}$ & 0.0003 & 0.710 \\
## Adjusted R$^{2}$ & $-$0.047 & 0.170 \\
## Residual Std. Error & 1.105 (df = 21) & 0.982 (df = 7) \\
## F Statistic & 0.007 (df = 1; 21) & 1.316 (df = 13; 7) \\
## \hline
## \hline \[-1.8ex]
## \textit{Note:} & \multicolumn{2}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}

```

```

stargazer(lm_cred_1_India, lm_cred_5_India, title = "Credibility, Singapore Elite Sample", no.space = T

```

```

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@
## % Date and time: Sun, Dec 31, 2023 - 14:16:37
## \begin{table}[!htbp] \centering
## \caption{Credibility, Singapore Elite Sample}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}

```

```

## \[-1.8ex]\hline
## \hline \[-1.8ex]
## & \multicolumn{2}{c}{\textit{Dependent variable:}} \\\
## \cline{2-3}
## \[-1.8ex] & \multicolumn{2}{c}{Credibility} \\\
## \[-1.8ex] & (1) & (2)\\
## \hline \[-1.8ex]
## Tweet &  $-\$0.241$  &  $0.012$  \\\
## &  $(0.271)$  &  $(0.317)$  \\\
## AfterKabul & & \\\
## & & \\\
## female & &  $-\$0.210$  \\\
## & &  $(0.438)$  \\\
## Veteran\_Binary & &  $-\$0.857^{***}$  \\\
## & &  $(0.405)$  \\\
## Gov\_Binary & &  $-\$0.123$  \\\
## & &  $(0.373)$  \\\
## highschool & & \\\
## & & \\\
## bach & &  $1.251$  \\\
## & &  $(0.896)$  \\\
## Age & &  $0.013$  \\\
## & &  $(0.015)$  \\\
## as.factor(Current\_Affiliation)2 & &  $0.190$  \\\
## & &  $(0.528)$  \\\
## as.factor(Current\_Affiliation)3 & &  $-\$0.308$  \\\
## & &  $(0.526)$  \\\
## as.factor(Current\_Affiliation)4 & &  $-\$0.064$  \\\
## & &  $(0.465)$  \\\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & &  $0.750$  \\\
## & &  $(0.633)$  \\\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & &  $-\$0.271$  \\\
## & &  $(0.600)$  \\\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & &  $0.592$  \\\
## & &  $(0.573)$  \\\
## factor(Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) $\hat{\mu}_4$  & &  $0.297$  \\\
## & &  $(0.409)$  \\\
## Constant &  $3.163^{***}$  &  $1.668$  \\\
## &  $(0.200)$  &  $(1.053)$  \\\
## \hline \[-1.8ex]
## Observations & 94 & 80 \\\
##  $R^2$  &  $0.009$  &  $0.161$  \\\
## Adjusted  $R^2$  &  $-\$0.002$  &  $-\$0.004$  \\\
## Residual Std. Error &  $1.309$  (df = 92) &  $1.322$  (df = 66) \\\
## F Statistic &  $0.793$  (df = 1; 92) &  $0.974$  (df = 13; 66) \\\
## \hline
## \hline \[-1.8ex]
## \textit{Note:} & \multicolumn{2}{r}{ $^{*}p < 0.1$ ;  $^{**}p < 0.05$ ;  $^{***}p < 0.01$ } \\\
## \end{tabular}
## \end{table}

```

#regressions for means and SEs

##because of small size, I have to get the basic values without covariates

```

#full sample
Cred_Full_1 <- Credibility ~ 0 + as.factor(Tweet)

lm_Cred_Full_1 <- lm(Cred_Full_1, data = DF_ExpertSample)

summary(lm_Cred_Full_1)

##
## Call:
## lm(formula = Cred_Full_1, data = DF_ExpertSample)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.1092 -1.1092  0.8908  0.8956  1.8957
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0    3.1043     0.1213  25.60  <2e-16 ***
## as.factor(Tweet)1    3.1092     0.1192  26.08  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.3 on 232 degrees of freedom
## Multiple R-squared:  0.852, Adjusted R-squared:  0.8507
## F-statistic: 667.8 on 2 and 232 DF,  p-value: < 2.2e-16

length(na.omit(DF_ExpertSample$Credibility[DF_ExpertSample$Tweet==1]))

## [1] 119

length(na.omit(DF_ExpertSample$Credibility[DF_ExpertSample$Tweet==0]))

## [1] 115

# by country

Cred_Full_1_NC <- Credibility ~ 0 + as.factor(Tweet)

## US

lm_Cred_Full_1_NC_US <- lm(Cred_Full_1_NC, data = DF_US)

summary(lm_Cred_Full_1_NC_US)

##
## Call:
## lm(formula = Cred_Full_1_NC, data = DF_US)
##
## Residuals:
##      Min       1Q   Median       3Q      Max

```

```

## -2.2105 -1.2105 0.7895 1.0000 2.0000
##
## Coefficients:
##           Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.0000     0.1717  17.47 <2e-16 ***
## as.factor(Tweet)1  3.2105     0.1762  18.22 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.33 on 115 degrees of freedom
## Multiple R-squared:  0.8471, Adjusted R-squared:  0.8445
## F-statistic: 318.6 on 2 and 115 DF,  p-value: < 2.2e-16
length(na.omit(DF_US$Credibility[DF_US$Tweet==1]))

## [1] 57
length(na.omit(DF_US$Credibility[DF_US$Tweet==0]))

## [1] 60
## Singapore
lm_Cred_Full_1_NC_Singapore <- lm(Cred_Full_1_NC, data = DF_Singapore)

mean(DF_Singapore$Credibility[DF_Singapore$Tweet==1])

## [1] 3.454545
summary(lm_Cred_Full_1_NC_Singapore)

##
## Call:
## lm(formula = Cred_Full_1_NC, data = DF_Singapore)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.4546 -1.4167  0.5454  0.5833  1.5833
##
## Coefficients:
##           Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.4167     0.3190  10.71 5.75e-10 ***
## as.factor(Tweet)1  3.4545     0.3332  10.37 1.02e-09 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.105 on 21 degrees of freedom
## Multiple R-squared:  0.9137, Adjusted R-squared:  0.9054
## F-statistic: 111.1 on 2 and 21 DF,  p-value: 6.767e-12
length(na.omit(DF_Singapore$Credibility[DF_Singapore$Tweet==1]))

## [1] 11
length(na.omit(DF_Singapore$Credibility[DF_Singapore$Tweet==0]))

## [1] 12
## India
lm_Cred_Full_1_NC_India <- lm(Cred_Full_1_NC, data = DF_India)

```

```

summary(lm_Cred_Full_1_NC_India)

##
## Call:
## lm(formula = Cred_Full_1_NC, data = DF_India)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.1628 -1.1628  0.8372  1.0784  2.0784
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0    3.1628     0.1996  15.85  <2e-16 ***
## as.factor(Tweet)1    2.9216     0.1832  15.94  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.309 on 92 degrees of freedom
## Multiple R-squared:  0.846, Adjusted R-squared:  0.8426
## F-statistic: 252.7 on 2 and 92 DF,  p-value: < 2.2e-16
length(na.omit(DF_India$Credibility[DF_India$Tweet==1]))

## [1] 51
length(na.omit(DF_India$Credibility[DF_India$Tweet==0]))

## [1] 43

```

Follow On 1, President and Language

```
DF_Follow1 <-read.csv("Data, Follow_1_President.csv")
```

Demographic Table Stats

```

### demographics

table(DF_Follow1$Q.Female)

##
##      0      1
## 666 706

length(na.omit(DF_Follow1$Q.Female[DF_Follow1$Q.Female==0]))/length(DF_Follow1$Q.Female)

## [1] 0.4815618

sum(na.omit(DF_Follow1$Q.Female))/length(DF_Follow1$Q.Female)

## [1] 0.5104845

sum(is.na(DF_Follow1$Q.Female))/length(DF_Follow1$Q.Female)

## [1] 0.007953724

```

```

sum(na.omit(DF_Follow1$Q.White))/length((DF_Follow1$Q.White))

## [1] 0.7151121
sum(na.omit(DF_Follow1$Q.Black))/length((DF_Follow1$Q.Black))

## [1] 0.1070137
sum(na.omit(DF_Follow1$Q.AIorAN))/length((DF_Follow1$Q.AIorAN))

## [1] 0.007953724
sum(na.omit(DF_Follow1$Q.Asian))/length((DF_Follow1$Q.Asian))

## [1] 0.05061461
sum(na.omit(DF_Follow1$Q.NHorPI))/length((DF_Follow1$Q.NHorPI))

## [1] 0.002169197
sum(na.omit(DF_Follow1$Q.Hispanic))/length((DF_Follow1$Q.Hispanic))

## [1] 0.08098337
sum(na.omit(DF_Follow1$Q.Mixed))/length((DF_Follow1$Q.Mixed))

## [1] 0.02313811
sum(na.omit(DF_Follow1$Q.Other))/length((DF_Follow1$Q.Other))

## [1] 0.01301518
sum(na.omit(DF_Follow1$Q.Other_Mixed))/length((DF_Follow1$Q.Other_Mixed))

## [1] 0.03615329
sum(is.na(DF_Follow1$Q.Race))/length(DF_Follow1$Q.Race)

## [1] 0
summary(DF_Follow1$Q.Age)

##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's
##  18.00  31.00   45.00  45.83  60.00   92.00     5
table(DF_Follow1$Q.Education)

##
##  1  2  3  4  5  6  7  8
## 11 59 339 335 156 297 28 158
sum((na.omit(DF_Follow1$Q.HighSchool)))/length((DF_Follow1$Q.HighSchool))

## [1] 0.9493854
sum((na.omit(DF_Follow1$Q.Bach)))/length((DF_Follow1$Q.Bach))

## [1] 0.3492408
sum(is.na(DF_Follow1$Q.Education))/length(DF_Follow1$Q.Education)

## [1] 0

```

```

table(DF_Follow1$Q.Income)

##
##  1  2  3  4  5  6  7  8
## 249 327 257 186 126 84 50 104
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==1]))/length(DF_Follow1$Q.Income)

## [1] 0.1800434
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==2]))/length(DF_Follow1$Q.Income)

## [1] 0.2364425
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==3]))/length(DF_Follow1$Q.Income)

## [1] 0.1858279
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==4]))/length(DF_Follow1$Q.Income)

## [1] 0.1344902
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==5]))/length(DF_Follow1$Q.Income)

## [1] 0.09110629
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==6]))/length(DF_Follow1$Q.Income)

## [1] 0.06073753
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==7]))/length(DF_Follow1$Q.Income)

## [1] 0.03615329
length(na.omit(DF_Follow1$Q.Income[DF_Follow1$Q.Income==8]))/length(DF_Follow1$Q.Income)

## [1] 0.07519884
sum(is.na(DF_Follow1$Q.Income))/length(DF_Follow1$Q.Income)

## [1] 0
table(DF_Follow1$Q.Political_ID)

##
##  1  2  3  4  5
## 142 260 598 252 131
sum(na.omit(DF_Follow1$Q.Liberal))/length((DF_Follow1$Q.Liberal))

## [1] 0.2906725
sum(na.omit(DF_Follow1$Q.Moderate))/length((DF_Follow1$Q.Moderate))

## [1] 0.4323933
sum(na.omit(DF_Follow1$Q.Conservative))/length((DF_Follow1$Q.Conservative))

## [1] 0.2769342
sum(is.na(DF_Follow1$Q.Political_ID))/length(DF_Follow1$Q.Political_ID)

## [1] 0

```

```

table(DF_Follow1$Q.Veteran)

##
##    0    1
## 1220 163
length(na.omit(DF_Follow1$Q.Veteran[DF_Follow1$Q.Veteran==0]))/length(DF_Follow1$Q.Veteran)

## [1] 0.8821403
length(na.omit(DF_Follow1$Q.Veteran[DF_Follow1$Q.Veteran==1]))/length(DF_Follow1$Q.Veteran)

## [1] 0.1178597
sum(is.na(DF_Follow1$Q.Veteran))/length(DF_Follow1$Q.Veteran)

## [1] 0
table(DF_Follow1$Q.Twitter_Use )

##
##    1    2    3    4    5
## 765 279 139 130  70
length(na.omit(DF_Follow1$Q.Twitter_Use[DF_Follow1$Q.Twitter_Use==1]))/length(DF_Follow1$Q.Twitter_Use)

## [1] 0.5531453
length(na.omit(DF_Follow1$Q.Twitter_Use[DF_Follow1$Q.Twitter_Use==2]))/length(DF_Follow1$Q.Twitter_Use)

## [1] 0.2017354
length(na.omit(DF_Follow1$Q.Twitter_Use[DF_Follow1$Q.Twitter_Use==3]))/length(DF_Follow1$Q.Twitter_Use)

## [1] 0.1005061
length(na.omit(DF_Follow1$Q.Twitter_Use[DF_Follow1$Q.Twitter_Use==4]))/length(DF_Follow1$Q.Twitter_Use)

## [1] 0.09399855
length(na.omit(DF_Follow1$Q.Twitter_Use[DF_Follow1$Q.Twitter_Use==5]))/length(DF_Follow1$Q.Twitter_Use)

## [1] 0.05061461
sum(is.na(DF_Follow1$Q.Twitter_Use))/length(DF_Follow1$Q.Twitter_Use)

## [1] 0

```

Analysis

Mean Estimates with Standard Error

```

Cred_Full_1 <- Credibility ~ 0 + as.factor(TweetMedium)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF_Follow1)

summary(lm_Cred_Full_1)

```

```

##
## Call:
## lm(formula = Cred_Full_1, data = DF_Follow1)

```

```

##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.38559 -1.03556 -0.01322  0.98678  1.99565
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  3.00435    0.08766   34.27 <2e-16 ***
## as.factor(TweetMedium)2  3.01322    0.08824   34.15 <2e-16 ***
## as.factor(TweetMedium)3  3.03556    0.08863   34.25 <2e-16 ***
## as.factor(TweetMedium)4  3.38559    0.08654   39.12 <2e-16 ***
## as.factor(TweetMedium)5  3.30603    0.08728   37.88 <2e-16 ***
## as.factor(TweetMedium)6  3.09871    0.08709   35.58 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.329 on 1377 degrees of freedom
## Multiple R-squared:  0.8491, Adjusted R-squared:  0.8484
## F-statistic: 1291 on 6 and 1377 DF,  p-value: < 2.2e-16
length(DF_Follow1$Credibility[DF_Follow1$TweetMedium==1])

## [1] 230
length(DF_Follow1$Credibility[DF_Follow1$TweetMedium==2])

## [1] 227
length(DF_Follow1$Credibility[DF_Follow1$TweetMedium==3])

## [1] 225
length(DF_Follow1$Credibility[DF_Follow1$TweetMedium==4])

## [1] 236
length(DF_Follow1$Credibility[DF_Follow1$TweetMedium==5])

## [1] 232
length(DF_Follow1$Credibility[DF_Follow1$TweetMedium==6])

## [1] 233
#time for some regressions

## Model 1: No Demographics

Cred_Form_1 <- Credibility ~ Tweet + Informal + Trump

## Model 5: Factor Demographics

Cred_Form_5 <- Credibility ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor

```

```

Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cred_1 <- lm(Cred_Form_1,
            data = DF_Follow1,
            na.action=na.omit)
Cred_5 <- lm(Cred_Form_5,
            data = DF_Follow1,
            na.action=na.omit)
Cred_7 <- lm(Cred_Form_7,
            data = DF_Follow1,
            na.action=na.omit)

stargazer(Cred_1, Cred_5, Cred_7, title = "Credibility, Follow-On", no.space = TRUE)

#graph time

Cred_DF <- as.data.frame(matrix(data = c("Tweet", coefest(Cred_5)[2, 1:2], "Yes",
                                       "Tweet", coefest(Cred_1)[2, 1:2], "No",
                                       "Informal", coefest(Cred_5)[3, 1:2], "Yes",
                                       "Informal", coefest(Cred_1)[3, 1:2], "No",
                                       "Trump", coefest(Cred_5)[4, 1:2], "Yes",
                                       "Trump", coefest(Cred_1)[4, 1:2], "No"),
                              ncol = 4, byrow = TRUE))

colnames(Cred_DF) <- c("IV", "estimate", "se", "controls")

#making into correct operators
Cred_DF$estimate <- as.numeric(Cred_DF$estimate)
Cred_DF$se <- as.numeric(Cred_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))

Cred_DF$ci <- Cred_DF$se*q

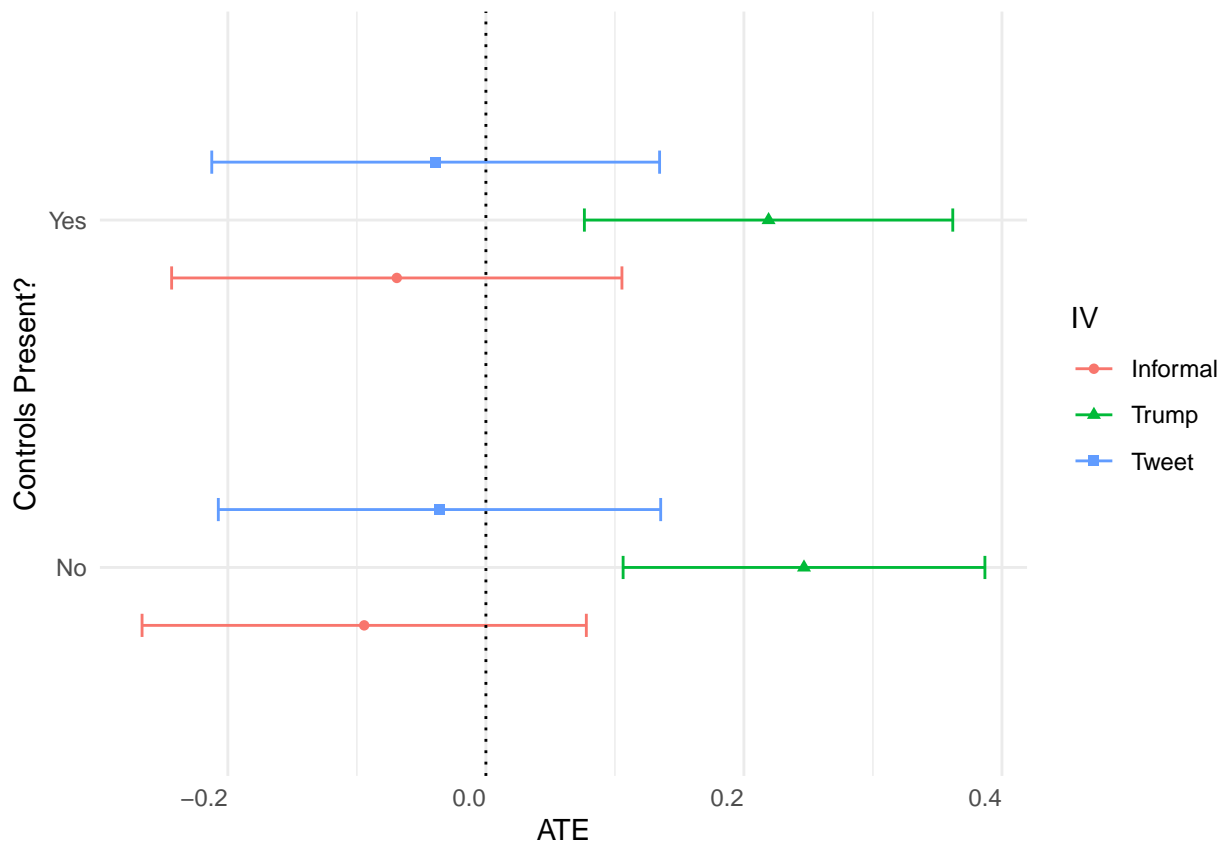
```

```

library(ggplot2)
## graph time
pd <- position_dodge(0.5)

## cred graph
ggplot(Cred_DF, aes(x = controls, y = estimate, color = IV)) +
  geom_point(aes(color=IV, shape=IV), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Controls Present?") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1)) + coord_flip()

```



```
#ggtitle("ATE on Credibility, all IVs")
```

Manipulation Check

```

##### stargazer tables for MC
#### note: this version has removed the "backsdown" binary variable

# Threat/Treatment Check

## Model 1: No Demographics

Threat_Form_1 <- Threat_Check_Binary ~ Tweet + Informal + Trump

## Model 5: Factor Demographics

```

```

Threat_Form_5 <- Threat_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Threat_Form_7 <- Threat_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Threat_1 <- lm(Threat_Form_1,
  data = DF_Follow1,
  na.action=na.omit)

Threat_5 <- lm(Threat_Form_5,
  data = DF_Follow1,
  na.action=na.omit)

Threat_7 <- lm(Threat_Form_7,
  data = DF_Follow1,
  na.action=na.omit)

stargazer(Threat_1, Threat_5, Threat_7, title = "Treatment Check Question with Covariates", no.space = "

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.
## % Date and time: Sun, Dec 31, 2023 - 14:16:38
## \begin{table}[!htbp] \centering
## \caption{Treatment Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} & \hline
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Threat\_Check\_Binary} & \hline
## \hline & (1) & (2) & (3) & \hline
## \hline
## Tweet &  $-\$0.109^{***}$  &  $-\$0.106^{***}$  &  $-\$0.106^{***}$  & \hline
## & (0.032) & (0.032) & (0.032) & \hline

```

```

## Informal & & $-$0.023 & $-$0.037 & $-$0.035 \\
## & (0.032) & (0.032) & (0.032) \\
## Trump & 0.025 & 0.022 & 0.022 \\
## & (0.026) & (0.026) & (0.026) \\
## Q.Female & & $-$0.044$^{*}$ & $-$0.040 \\
## & & (0.027) & (0.027) \\
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.135$^{***}$ & $-$0.134$^{***}$ \\
## & & (0.044) & (0.044) \\
## relevel(as.factor(Q.Race), ref = 1)3 & & $-$0.005 & $-$0.019 \\
## & & (0.146) & (0.146) \\
## relevel(as.factor(Q.Race), ref = 1)4 & & $-$0.184$^{***}$ & $-$0.190$^{***}$ \\
## & & (0.061) & (0.061) \\
## relevel(as.factor(Q.Race), ref = 1)5 & & $-$0.362 & $-$0.393 \\
## & & (0.278) & (0.278) \\
## relevel(as.factor(Q.Race), ref = 1)6 & & $-$0.026 & $-$0.028 \\
## & & (0.050) & (0.050) \\
## relevel(as.factor(Q.Race), ref = 1)7 & & $-$0.052 & $-$0.071 \\
## & & (0.089) & (0.088) \\
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.014 & 0.006 \\
## & & (0.122) & (0.121) \\
## Q.Age & & $-$0.001 & $-$0.001 \\
## & & (0.001) & (0.001) \\
## Q.HighSchool & & 0.038 & \\
## & & (0.062) & \\
## Q.Bach & & 0.079$^{**}$ & 0.076$^{**}$ \\
## & & (0.031) & (0.031) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.030 & \\
## & & (0.048) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.047 & \\
## & & (0.040) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.001 & \\
## & & (0.044) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$4 & & 0.069 & \\
## & & (0.047) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$5 & & 0.077$ & \\
## & & (0.047) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$6 & & 0.080$ & \\
## & & (0.044) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$7 & & 0.024 & \\
## & & (0.041) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.010 & \\
## & & (0.041) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.013 & \\
## & & (0.035) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.029 & \\
## & & (0.033) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.036 & \\
## & & (0.026) & \\
## Q.Income & & & 0.0004 \\
## & & & (0.007) \\
## Q.Conservative & & & 0.013 \\
## & & & (0.033) \\
## Q.Liberal & & & 0.043 \\
## & & & (0.032)

```

```

## Q.Veteran & & $-0.097$^{**}$ & $-0.096$^{**}$ \\
## & & (0.041) & (0.041) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-0.009 & \\
## & & (0.043) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.061 & \\
## & & (0.042) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.110$^{***}$ & \\
## & & (0.038) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\mkern6mu}$4 & & $-0.024 \\
## & & (0.040) & \\
## Q.Twitter\_Some & & & 0.011 \\
## & & & (0.027) \\
## Constant & 0.687$^{***}$ & 0.737$^{***}$ & 0.751$^{***}$ \\
## & (0.026) & (0.076) & (0.057) \\
## \\hline \\[-1.8ex]
## Observations & 1,383 & 1,368 & 1,368 \\
## R$^{2}$ & 0.015 & 0.054 & 0.041 \\
## Adjusted R$^{2}$ & 0.013 & 0.033 & 0.028 \\
## Residual Std. Error & 0.483 (df = 1379) & 0.477 (df = 1337) & 0.478 (df = 1349) \\
## F Statistic & 6.903$^{***}$ (df = 3; 1379) & 2.544$^{***}$ (df = 30; 1337) & 3.221$^{***}$ (df = 18; \\
## \\hline
## \\hline \\[-1.8ex]
## \\textit{Note:} & \\multicolumn{3}{r}{\\$^{*}$p$<$0.1; \\$^{**}$p$<$0.05; \\$^{***}$p$<$0.01} \\
## \\end{tabular}
## \\end{table}

```

```
# President Check
```

```
## Model 1: No Demographics
```

```
President_Form_1 <- President_Check_Binary ~ Tweet + Informal + Trump
```

```
## Model 5: Factor Demographics
```

```

President_Form_5 <- President_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

```

```
## Model 7: Slightly simplified for the Appendix
```

```

President_Form_7 <- President_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

```

```
#regression
```

```
President_1 <- lm(President_Form_1,  
  data = DF_Follow1,  
  na.action=na.omit)
```

```
President_5 <- lm(President_Form_5,  
  data = DF_Follow1,  
  na.action=na.omit)
```

```
President_7 <- lm(President_Form_7,  
  data = DF_Follow1,  
  na.action=na.omit)
```

```
stargazer(President_1, President_5, President_7, title = "President Check Question with Covariates", no
```

```
##  
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz  
## % Date and time: Sun, Dec 31, 2023 - 14:16:38  
## \begin{table}[!htbp] \centering  
## \caption{President Check Question with Covariates}  
## \label{}  
## \begin{tabular}{@{\extracolsep{5pt}}lccc}  
## \hline  
## \hline \hline \hline  
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\  
## \cline{2-4}  
## \hline & \multicolumn{3}{c}{President\_Check\_Binary} \\  
## \hline & (1) & (2) & (3) \\  
## \hline  
## Tweet & 0.044$^{**}$ & 0.041$^{**}$ & 0.045$^{**}$ \\  
## & (0.018) & (0.018) & (0.018) \\  
## Informal & $-$0.013 & $-$0.017 & $-$0.020 \\  
## & (0.018) & (0.018) & (0.018) \\  
## Trump & 0.027$^{*}$ & 0.023 & 0.024 \\  
## & (0.015) & (0.015) & (0.015) \\  
## Q.Female & & $-$0.026$^{*}$ & $-$0.024 \\  
## & & (0.015) & (0.015) \\  
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.087$^{***}$ & $-$0.085$^{***}$ \\  
## & & (0.025) & (0.025) \\  
## relevel(as.factor(Q.Race), ref = 1)3 & & $-$0.006 & $-$0.017 \\  
## & & (0.083) & (0.083) \\  
## relevel(as.factor(Q.Race), ref = 1)4 & & $-$0.038 & $-$0.036 \\  
## & & (0.035) & (0.035) \\  
## relevel(as.factor(Q.Race), ref = 1)5 & & $-$0.616$^{***}$ & $-$0.621$^{***}$ \\  
## & & (0.159) & (0.159) \\  
## relevel(as.factor(Q.Race), ref = 1)6 & & 0.007 & 0.003 \\  
## & & (0.029) & (0.029) \\  
## relevel(as.factor(Q.Race), ref = 1)7 & & $-$0.046 & $-$0.045 \\  
## & & (0.050) & (0.050) \\  
## relevel(as.factor(Q.Race), ref = 1)8 & & $-$0.020 & $-$0.005 \\  
## & & (0.069) & (0.069) \\  
##
```

```

## Q.Age & & $-$0.0002 & 0.00000 \\
## & & (0.0005) & (0.0005) \\
## Q.HighSchool & & 0.077$^{**}$ & \\
## & & (0.035) & \\
## Q.Bach & & 0.039$^{**}$ & 0.041$^{**}$ \\
## & & (0.018) & (0.018) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & 0.036 & \\
## & & (0.027) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & 0.003 & \\
## & & (0.023) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.010 & \\
## & & (0.025) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$4 & & $-$0.009 & \\
## & & (0.027) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$5 & & $-$0.009 & \\
## & & (0.027) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$6 & & $-$0.009 & \\
## & & (0.025) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$7 & & 0.043$ & \\
## & & (0.023) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.012 & \\
## & & (0.023) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.017 & \\
## & & (0.020) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.012 & \\
## & & (0.019) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.009 & \\
## & & (0.015) & \\
## Q.Income & & & 0.005 \\
## & & & (0.004) \\
## Q.Conservative & & & 0.002 \\
## & & & (0.019) \\
## Q.Liberal & & & $-$0.002 \\
## & & & (0.018) \\
## Q.Veteran & & $-$0.020 & $-$0.020 \\
## & & (0.023) & (0.023) \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.052$^{**}$ & \\
## & & (0.024) & \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.026 & \\
## & & (0.024) & \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.029 & \\
## & & (0.022) & \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & 0.025 & \\
## & & (0.023) & \\
## Q.Twitter\\_Some & & & $-$0.005 \\
## & & & (0.016) \\
## Constant & 0.877$^{***}$ & 0.825$^{***}$ & 0.881$^{***}$ \\
## & (0.015) & (0.043) & (0.033) \\
## \\hline \\[-1.8ex]
## Observations & 1,383 & 1,368 & 1,368 \\
## R$^{2}$ & 0.007 & 0.055 & 0.038 \\
## Adjusted R$^{2}$ & 0.005 & 0.034 & 0.025 \\
## Residual Std. Error & 0.278 (df = 1379) & 0.272 (df = 1337) & 0.273 (df = 1349) \\
## F Statistic & 3.131$^{**}$ (df = 3; 1379) & 2.589$^{***}$ (df = 30; 1337) & 2.973$^{***}$ (df = 18;

```

```

## \hline
## \hline \[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{ $\$^{*}$  $p$  $\$ < \$0.1$ ;  $\$^{**}$  $p$  $\$ < \$0.05$ ;  $\$^{***}$  $p$  $\$ < \$0.01$ } \\
## \end{tabular}
## \end{table}

# Target Check

## Model 1: No Demographics

Target_Form_1 <- Target_Check_Binary ~ Tweet + Informal + Trump

## Model 5: Factor Demographics

Target_Form_5 <- Target_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Target_Form_7 <- Target_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Target_1 <- lm(Target_Form_1,
  data = DF_Follow1,
  na.action=na.omit)

Target_5 <- lm(Target_Form_5,
  data = DF_Follow1,
  na.action=na.omit)

Target_7 <- lm(Target_Form_7,
  data = DF_Follow1,
  na.action=na.omit)

stargazer(Target_1, Target_5, Target_7, title = "Target Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@spil.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:38

```

```

## \begin{table}[!htbp] \centering
## \caption{Target Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \[-1.8ex]\hline
## \hline \[-1.8ex]
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\\
## \cline{2-4}
## \[-1.8ex] & \multicolumn{3}{c}{Target\_Check\_Binary} \\\
## \[-1.8ex] & (1) & (2) & (3)\\
## \hline \[-1.8ex]
## Tweet & 0.033 & 0.028 & 0.036 \\\
## & (0.033) & (0.033) & (0.032) \\\
## Informal &  $-\$0.123^{***}$  &  $-\$0.130^{***}$  &  $-\$0.133^{***}$  \\\
## & (0.033) & (0.033) & (0.033) \\\
## Trump &  $-\$0.035$  &  $-\$0.049^*$  &  $-\$0.049^*$  \\\
## & (0.027) & (0.027) & (0.027) \\\
## Q.Female & &  $-\$0.026$  &  $-\$0.024$  \\\
## & & (0.027) & (0.027) \\\
## relevel(as.factor(Q.Race), ref = 1)2 & &  $-\$0.158^{***}$  &  $-\$0.152^{***}$  \\\
## & & (0.045) & (0.045) \\\
## relevel(as.factor(Q.Race), ref = 1)3 & & 0.120 & 0.103 \\\
## & & (0.149) & (0.149) \\\
## relevel(as.factor(Q.Race), ref = 1)4 & & 0.011 & 0.010 \\\
## & & (0.062) & (0.062) \\\
## relevel(as.factor(Q.Race), ref = 1)5 & &  $-\$0.528^*$  &  $-\$0.517^*$  \\\
## & & (0.284) & (0.285) \\\
## relevel(as.factor(Q.Race), ref = 1)6 & & 0.084 & 0.077 \\\
## & & (0.051) & (0.051) \\\
## relevel(as.factor(Q.Race), ref = 1)7 & &  $-\$0.022$  &  $-\$0.025$  \\\
## & & (0.091) & (0.090) \\\
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.111 & 0.118 \\\
## & & (0.124) & (0.124) \\\
## Q.Age & &  $0.002^{**}$  &  $0.002^{***}$  \\\
## & & (0.001) & (0.001) \\\
## Q.HighSchool & &  $0.135^{**}$  & \\\
## & & (0.063) & \\\
## Q.Bach & & 0.019 & 0.025 \\\
## & & (0.032) & (0.031) \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & 0.028 & \\\
## & & (0.049) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & 0.058 & \\\
## & & (0.041) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.040 & \\\
## & & (0.045) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $4 & &  $-\$0.0$  & \\\
## & & (0.048) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $5 & & 0.037 & \\\
## & & (0.048) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $6 & &  $-\$0.0$  & \\\
## & & (0.045) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $7 & & 0.047 & \\\
## & & (0.042) & \\\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & &  $-\$0.056$  & \\\

```

```

## & & (0.042) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.019 & \\
## & & (0.036) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.004 & \\
## & & (0.033) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.020
## & & (0.027) & \\
## Q.Income & & & 0.002 \\
## & & & (0.007) \\
## Q.Conservative & & & $-$0.014 \\
## & & & (0.033) \\
## Q.Liberal & & & 0.030 \\
## & & & (0.032) \\
## Q.Veteran & & 0.054 & 0.048 \\
## & & (0.042) & (0.042) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.104$^{**}$ & \\
## & & (0.044) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.010 & \\
## & & (0.043) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.048 & \\
## & & (0.039) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.010
## & & (0.040) & \\
## Q.Twitter\_Some & & & $-$0.033 \\
## & & & (0.028) \\
## Constant & 0.595$^{***}$ & 0.368$^{***}$ & 0.508$^{***}$ \\
## & (0.027) & (0.078) & (0.059) \\
## \hline \\[-1.8ex]
## Observations & 1,383 & 1,368 & 1,368 \\
## R$^{2}$ & 0.012 & 0.056 & 0.042 \\
## Adjusted R$^{2}$ & 0.010 & 0.035 & 0.029 \\
## Residual Std. Error & 0.494 (df = 1379) & 0.488 (df = 1337) & 0.489 (df = 1349) \\
## F Statistic & 5.677$^{***}$ (df = 3; 1379) & 2.666$^{***}$ (df = 30; 1337) & 3.245$^{***}$ (df = 18;
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{\textit{\$}^{*}$p$<$0.1; \textit{\$}^{**}$p$<$0.05; \textit{\$}^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}

```

```
# Support Check
```

```
## Model 1: No Demographics
```

```
Support_Form_1 <- Support_Check_Binary ~ Tweet + Informal + Trump
```

```
## Model 5: Factor Demographics
```

```
Support_Form_5 <- Support_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
```

```

Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Support_Form_7 <- Support_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Support_1 <- lm(Support_Form_1,
  data = DF_Follow1,
  na.action=na.omit)

Support_5 <- lm(Support_Form_5,
  data = DF_Follow1,
  na.action=na.omit)

Support_7 <- lm(Support_Form_7,
  data = DF_Follow1,
  na.action=na.omit)

stargazer(Support_1, Support_5, Support_7, title = "Support Check Question with Covariates", no.space =

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.
## % Date and time: Sun, Dec 31, 2023 - 14:16:38
## \begin{table}![htbp] \centering
## \caption{Support Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline \hline \hline \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} & \hline
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Support\_Check\_Binary} & \hline
## \hline & (1) & (2) & (3) & \hline
## \hline \hline \hline \hline \hline
## Tweet &  $-\$0.016$  &  $-\$0.015$  &  $-\$0.012$  & \hline
## & (0.032) & (0.031) & (0.031) & \hline
## Informal & 0.025 & 0.013 & 0.011 & \hline
## & (0.032) & (0.031) & (0.031) & \hline
## Trump &  $-\$0.006$  &  $-\$0.022$  &  $-\$0.019$  & \hline
## & (0.026) & (0.025) & (0.025) & \hline
## Q.Female & &  $-\$0.147^{***}$  &  $-\$0.146^{***}$  & \hline
## & & (0.026) & (0.026) & \hline
## relevel(as.factor(Q.Race), ref = 1)2 & &  $-\$0.039$  &  $-\$0.036$  & \hline

```

```

## & & (0.043) & (0.043) \\
## relevel(as.factor(Q.Race), ref = 1)3 & & 0.066 & 0.067 \\
## & & (0.142) & (0.141) \\
## relevel(as.factor(Q.Race), ref = 1)4 & & $-$0.050 & $-$0.041 \\
## & & (0.059) & (0.059) \\
## relevel(as.factor(Q.Race), ref = 1)5 & & 0.308 & 0.289 \\
## & & (0.270) & (0.269) \\
## relevel(as.factor(Q.Race), ref = 1)6 & & $-$0.031 & $-$0.034 \\
## & & (0.049) & (0.048) \\
## relevel(as.factor(Q.Race), ref = 1)7 & & $-$0.056 & $-$0.056 \\
## & & (0.086) & (0.085) \\
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.003 & $-$0.009 \\
## & & (0.118) & (0.117) \\
## Q.Age & & 0.003$^{***}$ & 0.003$^{***}$ \\
## & & (0.001) & (0.001) \\
## Q.HighSchool & & 0.047 & \\
## & & (0.060) & \\
## Q.Bach & & 0.159$^{***}$ & 0.165$^{***}$ \\
## & & (0.030) & (0.030) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.013 & \\
## & & (0.047) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.017 & \\
## & & (0.039) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & $-$0.041 & \\
## & & (0.043) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$4 & & $-$0.013 & \\
## & & (0.045) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$5 & & 0.044 & \\
## & & (0.045) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$6 & & 0.005 & \\
## & & (0.043) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\\hat{\\mkern6mu}$7 & & 0.066$ & \\
## & & (0.040) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.067$^{*}$ & \\
## & & (0.040) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.026 & \\
## & & (0.034) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.028 & \\
## & & (0.032) & \\
## factor(Q.Political\\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.052 & \\
## & & (0.025) & \\
## Q.Income & & & $-$0.002 \\
## & & & (0.007) \\
## Q.Conservative & & & 0.048 \\
## & & & (0.032) \\
## Q.Liberal & & & 0.088$^{***}$ \\
## & & & (0.031) \\
## Q.Veteran & & 0.032 & 0.031 \\
## & & (0.040) & (0.040) \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.002 & \\
## & & (0.041) & \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.019 & \\
## & & (0.041) & \\
## factor(Q.Twitter\\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.018 &

```

```

## & & (0.037) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & 0.012 &
## & & (0.038) & \\
## Q.Twitter\_Some & & & $-$0.008 \\
## & & & (0.027) \\
## Constant & 0.649$^{\{***\}}$ & 0.533$^{\{***\}}$ & 0.533$^{\{***\}}$ \\
## & (0.026) & (0.074) & (0.055) \\
## \hline \\[-1.8ex]
## Observations & 1,383 & 1,368 & 1,368 \\
## R$^{\{2\}}$ & 0.001 & 0.084 & 0.078 \\
## Adjusted R$^{\{2\}}$ & $-$0.002 & 0.063 & 0.066 \\
## Residual Std. Error & 0.480 (df = 1379) & 0.463 (df = 1337) & 0.463 (df = 1349) \\
## F Statistic & 0.239 (df = 3; 1379) & 4.081$^{\{***\}}$ (df = 30; 1337) & 6.324$^{\{***\}}$ (df = 18; 1349) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{\hat{*}$p$<$0.1; \hat{**}$p$<$0.05; \hat{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}

```

```
# Sea Check
```

```
## Model 1: No Demographics
```

```
Sea_Form_1 <- Sea_Check_Binary ~ Tweet + Informal + Trump
```

```
## Model 5: Factor Demographics
```

```

Sea_Form_5 <- Sea_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

```

```
## Model 7: Slightly simplified for the Appendix
```

```

Sea_Form_7 <- Sea_Check_Binary ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

```

```
#regression
```

```

Sea_1 <- lm(Sea_Form_1,
  data = DF_Follow1,
  na.action=na.omit)

```

```

Sea_5 <- lm(Sea_Form_5,
            data = DF_Follow1,
            na.action=na.omit)

Sea_7 <- lm(Sea_Form_7,
            data = DF_Follow1,
            na.action=na.omit)

stargazer(Sea_1, Sea_5, Sea_7, title = "Sea Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@spu.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:39
## \begin{table}[!htbp] \centering
## \caption{Sea Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\\
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Sea\_Check\_Binary} \\\
## \hline & (1) & (2) & (3) \\\
## \hline
## Tweet & $-$0.014 & $-$0.020 & $-$0.017 \\\
## & (0.031) & (0.031) & (0.031) \\\
## Informal & 0.028 & 0.029 & 0.028 \\\
## & (0.031) & (0.031) & (0.031) \\\
## Trump & 0.026 & 0.028 & 0.023 \\\
## & (0.025) & (0.025) & (0.025) \\\
## Q.Female & & $-$0.007 & $-$0.006 \\\
## & & (0.026) & (0.026) \\\
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.101$^{**}$ & $-$0.097$^{**}$ \\\
## & & (0.042) & (0.042) \\\
## relevel(as.factor(Q.Race), ref = 1)3 & & 0.173 & 0.163 \\\
## & & (0.141) & (0.141) \\\
## relevel(as.factor(Q.Race), ref = 1)4 & & $-$0.082 & $-$0.092 \\\
## & & (0.059) & (0.059) \\\
## relevel(as.factor(Q.Race), ref = 1)5 & & $-$0.427 & $-$0.407 \\\
## & & (0.269) & (0.269) \\\
## relevel(as.factor(Q.Race), ref = 1)6 & & 0.031 & 0.036 \\\
## & & (0.049) & (0.048) \\\
## relevel(as.factor(Q.Race), ref = 1)7 & & 0.054 & 0.050 \\\
## & & (0.086) & (0.085) \\\
## relevel(as.factor(Q.Race), ref = 1)8 & & $-$0.131 & $-$0.133 \\\
## & & (0.118) & (0.117) \\\
## Q.Age & & $-$0.004$^{***}$ & $-$0.004$^{***}$ \\\
## & & (0.001) & (0.001) \\\
## Q.HighSchool & & 0.105$^{*}$ & & \\\
## & & (0.060) & & \\\
## Q.Bach & & $-$0.020 & $-$0.014 \\\
## & & (0.030) & (0.030) \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.044 & & \\\

```

```

## & & (0.046) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & 0.010 & \\
## & & (0.039) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.079$^{*}$ & \\
## & & (0.042) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$4 & & 0.055 & \\
## & & (0.045) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$5 & & 0.053 & \\
## & & (0.045) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$6 & & 0.055 & \\
## & & (0.043) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$7 & & 0.006 & \\
## & & (0.039) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.010 & \\
## & & (0.040) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.057$^{*}$ & \\
## & & (0.034) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.045 & \\
## & & (0.032) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.013 & \\
## & & (0.025) & \\
## Q.Income & & & $-$0.003 \\
## & & & (0.007) \\
## Q.Conservative & & & $-$0.008 \\
## & & & (0.031) \\
## Q.Liberal & & & $-$0.026 \\
## & & & (0.030) \\
## Q.Veteran & & $-$0.081$^{**}$ & $-$0.083$^{**}$ \\
## & & (0.040) & (0.040) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.028 & \\
## & & (0.041) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.048 & \\
## & & (0.040) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.066$^{*}$ & \\
## & & (0.037) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.027 & \\
## & & (0.038) & \\
## Q.Twitter\_Some & & & $-$0.015 \\
## & & & (0.026) \\
## Constant & 0.667$^{***}$ & 0.736$^{***}$ & 0.887$^{***}$ \\
## & (0.025) & (0.074) & (0.055) \\
## \hline \\[-1.8ex]
## Observations & 1,383 & 1,368 & 1,368 \\
## R$^{2}$ & 0.001 & 0.046 & 0.032 \\
## Adjusted R$^{2}$ & $-$0.001 & 0.025 & 0.019 \\
## Residual Std. Error & 0.467 (df = 1379) & 0.461 (df = 1337) & 0.462 (df = 1349) \\
## F Statistic & 0.628 (df = 3; 1379) & 2.160$^{***}$ (df = 30; 1337) & 2.497$^{***}$ (df = 18; 1349) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{\textit{\$}^{*}$p$<$0.1; \textit{\$}^{**}$p$<$0.05; \textit{\$}^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}

```

```

## more detail on manipulation check

## ATE of Tweet Treatment

#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Treatment Check", coeftest(Threat_1)[2, 1:2], "no",
    "Treatment Check", coeftest(Threat_5)[2, 1:2], "yes",
    "President Check", coeftest(President_1)[2, 1:2], "no",
    "President Check", coeftest(President_5)[2, 1:2], "yes",
    "Target Check", coeftest(Target_1)[2, 1:2], "no",
    "Target Check", coeftest(Target_5)[2, 1:2], "yes",
    "Support Check", coeftest(Support_1)[2, 1:2], "no",
    "Support Check", coeftest(Support_5)[2, 1:2], "yes",
    "Sea Check", coeftest(Sea_1)[2, 1:2], "no",
    "Sea Check", coeftest(Sea_5)[2, 1:2], "yes"),
    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

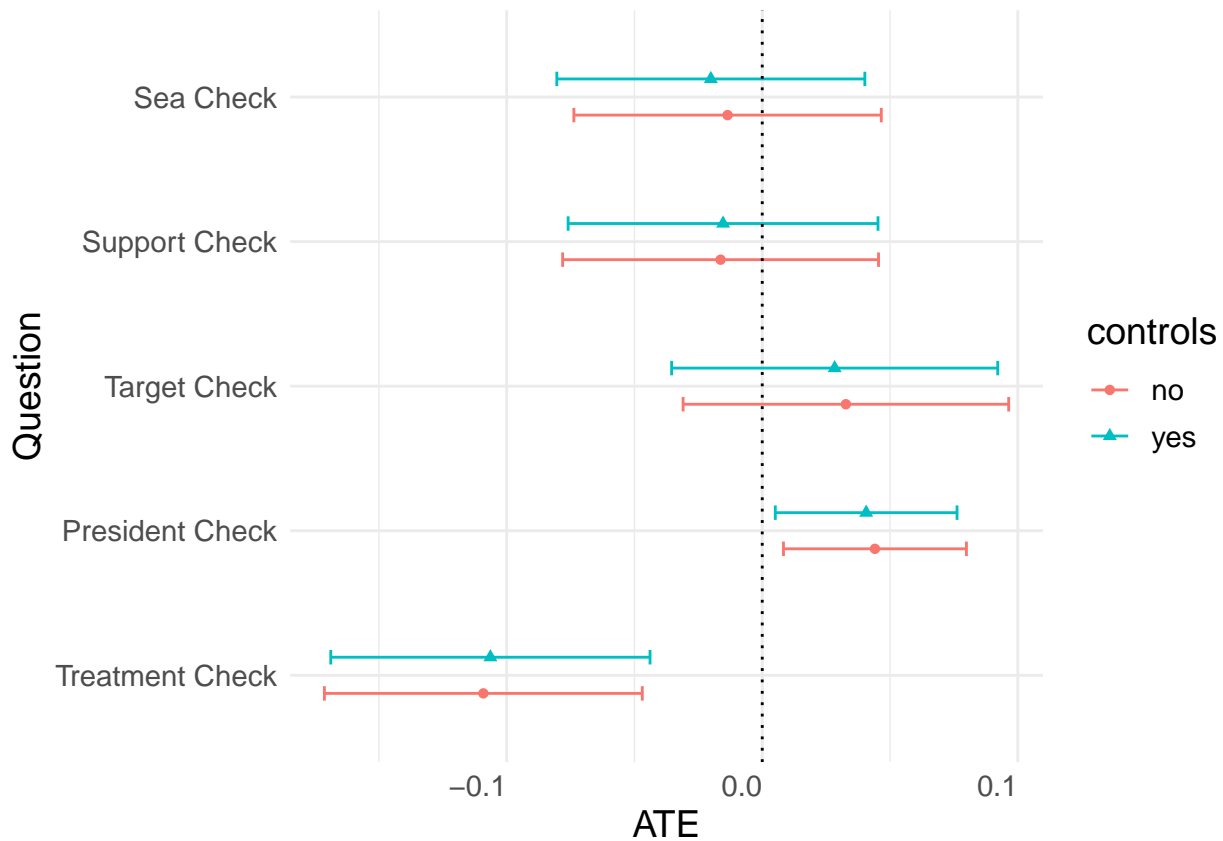
#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Treatment Check", "President Check", "Target Check",
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```

#ggtitle("Tweet Imagery ATE by MC or AC Question") +
## more detail on manipulation check
## ATE of Informal Language Treatment
#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Treatment Check", coefest(Threat_1)[3, 1:2], "no",
    "Treatment Check", coefest(Threat_5)[3, 1:2], "yes",
    "President Check", coefest(President_1)[3, 1:2], "no",
    "President Check", coefest(President_5)[3, 1:2], "yes",
    "Target Check", coefest(Target_1)[3, 1:2], "no",
    "Target Check", coefest(Target_5)[3, 1:2], "yes",
    "Support Check", coefest(Support_1)[3, 1:2], "no",
    "Support Check", coefest(Support_5)[3, 1:2], "yes",
    "Sea Check", coefest(Sea_1)[3, 1:2], "no",
    "Sea Check", coefest(Sea_5)[3, 1:2], "yes"),
    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Treatment Check", "President Check", "Target Check",
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs

```

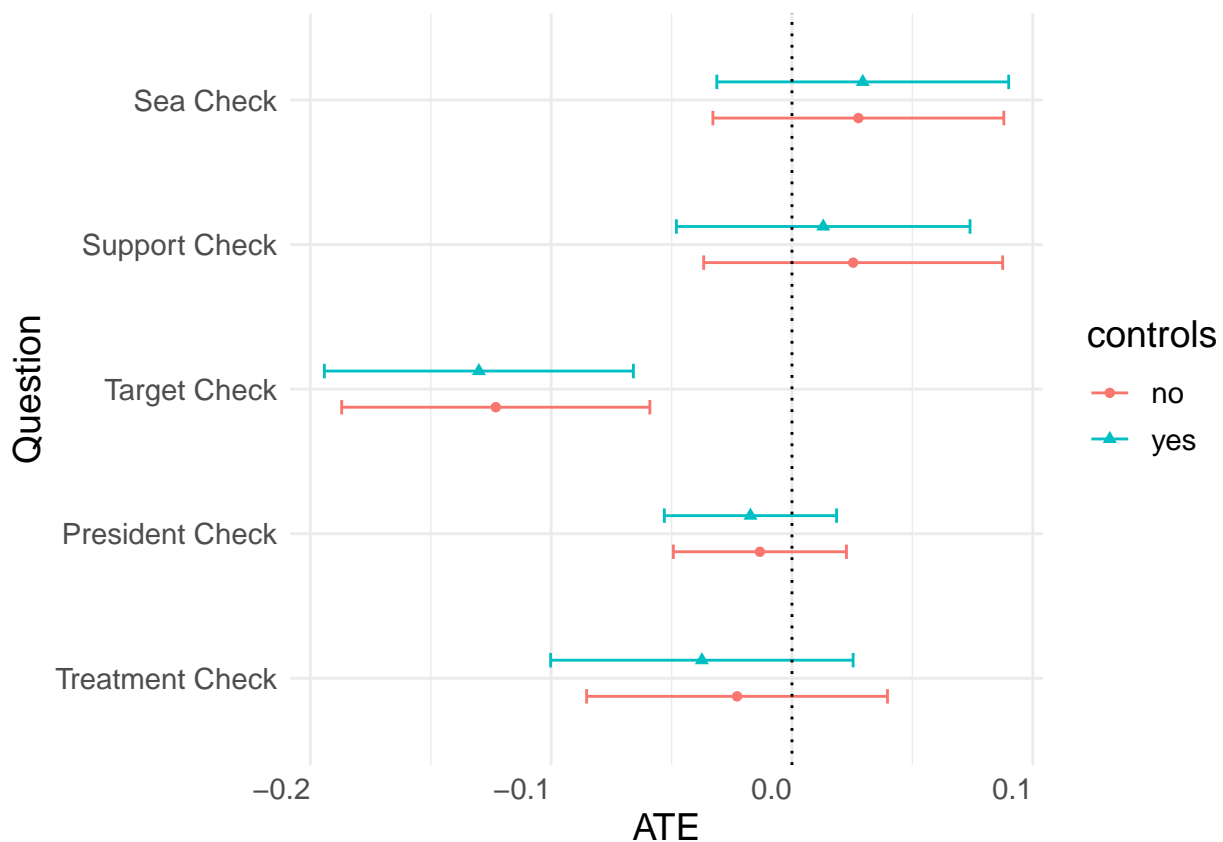
```

q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```

#ggtitle("Informal Language ATE by MC or AC Question") +

## more detail on manipulation check

## ATE of Trump as President Treatment

#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Treatment Check", coefest(Threat_1)[4, 1:2], "no",
                                           "Treatment Check", coefest(Threat_5)[4, 1:2], "yes",
                                           "President Check", coefest(President_1)[4, 1:2], "no",
                                           "President Check", coefest(President_5)[4, 1:2], "yes",
                                           "Target Check", coefest(Target_1)[4, 1:2], "no",

```

```

        "Target Check", coefest(Target_5)[4, 1:2], "yes",
        "Support Check", coefest(Support_1)[4, 1:2], "no",
        "Support Check", coefest(Support_5)[4, 1:2], "yes",
        "Sea Check", coefest(Sea_1)[4, 1:2], "no",
        "Sea Check", coefest(Sea_5)[4, 1:2], "yes"),
    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

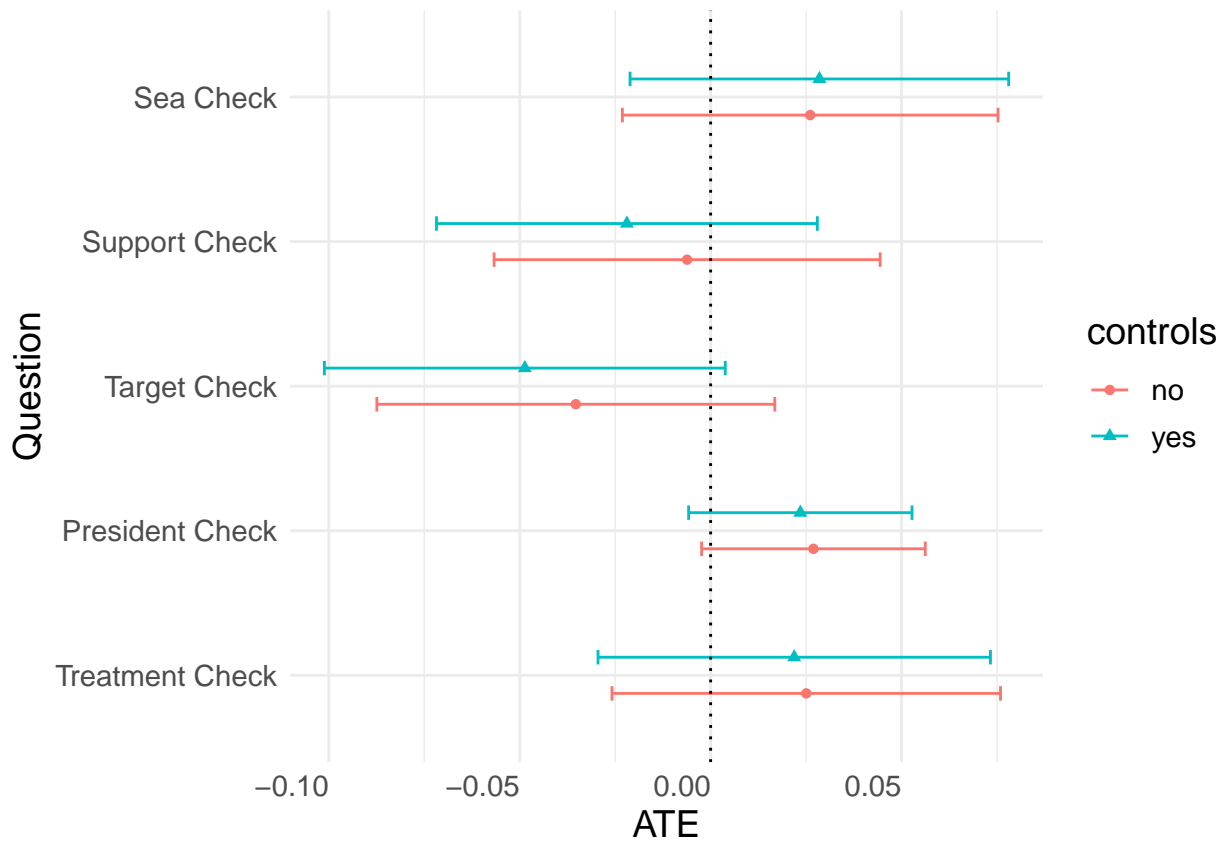
#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Treatment Check", "President Check", "Target Check",
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```
##ggtitle("Trump as President ATE by MC or AC Question") +
```

```
## mean and se tables for threat check

####Threat/Treatment Check
Threat_Full_1 <- Threat_Check_Binary ~ 0 + as.factor(TweetMedium)

lm_Threat_Full_1 <- lm(Threat_Full_1,
  data = DF_Follow1)

summary(lm_Threat_Full_1)
```

Mean and SEs

```
##
## Call:
## lm(formula = Threat_Full_1, data = DF_Follow1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.7609 -0.5771  0.2391  0.3966  0.5200
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  0.76087    0.03159   24.08 <2e-16 ***
## as.factor(TweetMedium)2  0.57709    0.03180   18.15 <2e-16 ***
```

```

## as.factor(TweetMedium)3  0.48000    0.03194   15.03  <2e-16 ***
## as.factor(TweetMedium)4  0.63983    0.03119   20.51  <2e-16 ***
## as.factor(TweetMedium)5  0.60345    0.03146   19.18  <2e-16 ***
## as.factor(TweetMedium)6  0.65236    0.03139   20.78  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4792 on 1377 degrees of freedom
## Multiple R-squared:  0.6311, Adjusted R-squared:  0.6295
## F-statistic: 392.6 on 6 and 1377 DF,  p-value: < 2.2e-16
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$TweetMedium==1]) #statement

## [1] 230
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$TweetMedium==2])

## [1] 227
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$TweetMedium==3])

## [1] 225
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$TweetMedium==4]) #statement

## [1] 236
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$TweetMedium==5])

## [1] 232
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$TweetMedium==6])

## [1] 233
####Threat/Treatment Check
Threat_Full_1 <- Threat_Check_Binary ~ 0 + as.factor(Tweet)

lm_Threat_Full_1 <- lm(Threat_Full_1,
                      data = DF_Follow1)

summary(lm_Threat_Full_1)

##
## Call:
## lm(formula = Threat_Full_1, data = DF_Follow1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6996 -0.5791  0.3004  0.4209  0.4209
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.69957     0.02235   31.30  <2e-16 ***
## as.factor(Tweet)1  0.57906     0.01593   36.34  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##

```

```

## Residual standard error: 0.4825 on 1381 degrees of freedom
## Multiple R-squared: 0.6249, Adjusted R-squared: 0.6244
## F-statistic: 1150 on 2 and 1381 DF, p-value: < 2.2e-16
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$Tweet==1])

## [1] 917
length(DF_Follow1$Threat_Check_Binary[DF_Follow1$Tweet==0])

## [1] 466
##### President Check
President_Full_1 <- President_Check_Binary ~ 0 + as.factor(TweetMedium)

lm_President_Full_1 <- lm(President_Full_1,
                        data = DF_Follow1)

summary(lm_President_Full_1)

##
## Call:
## lm(formula = President_Full_1, data = DF_Follow1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.94850  0.05286  0.07759  0.10667  0.13478
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  0.86522    0.01829   47.31 <2e-16 ***
## as.factor(TweetMedium)2  0.94714    0.01841   51.45 <2e-16 ***
## as.factor(TweetMedium)3  0.89333    0.01849   48.32 <2e-16 ***
## as.factor(TweetMedium)4  0.91525    0.01805   50.70 <2e-16 ***
## as.factor(TweetMedium)5  0.92241    0.01821   50.66 <2e-16 ***
## as.factor(TweetMedium)6  0.94850    0.01817   52.20 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.2773 on 1377 degrees of freedom
## Multiple R-squared: 0.9163, Adjusted R-squared: 0.916
## F-statistic: 2514 on 6 and 1377 DF, p-value: < 2.2e-16
length(DF_Follow1$President_Check_Binary[DF_Follow1$Tweet==0])

## [1] 466
length(DF_Follow1$President_Check_Binary[DF_Follow1$Tweet==1])

## [1] 917
##### Target Check
Target_Full_1 <- Target_Check_Binary ~ 0 + as.factor(TweetMedium)

lm_Target_Full_1 <- lm(Target_Full_1,
                      data = DF_Follow1)

summary(lm_Target_Full_1)

```

```

##
## Call:
## lm(formula = Target_Full_1, data = DF_Follow1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6256 -0.5466  0.3745  0.4534  0.5193
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  0.60870    0.03261   18.67 <2e-16 ***
## as.factor(TweetMedium)2  0.62555    0.03282   19.06 <2e-16 ***
## as.factor(TweetMedium)3  0.49333    0.03297   14.96 <2e-16 ***
## as.factor(TweetMedium)4  0.54661    0.03219   16.98 <2e-16 ***
## as.factor(TweetMedium)5  0.59483    0.03247   18.32 <2e-16 ***
## as.factor(TweetMedium)6  0.48069    0.03240   14.84 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4945 on 1377 degrees of freedom
## Multiple R-squared:  0.5638, Adjusted R-squared:  0.5619
## F-statistic: 296.6 on 6 and 1377 DF,  p-value: < 2.2e-16
length(DF_Follow1$Target_Check_Binary[DF_Follow1$TweetMedium==1])

## [1] 230
length(DF_Follow1$Target_Check_Binary[DF_Follow1$TweetMedium==2])

## [1] 227
length(DF_Follow1$Target_Check_Binary[DF_Follow1$TweetMedium==3])

## [1] 225
length(DF_Follow1$Target_Check_Binary[DF_Follow1$TweetMedium==4])

## [1] 236
length(DF_Follow1$Target_Check_Binary[DF_Follow1$TweetMedium==5])

## [1] 232
length(DF_Follow1$Target_Check_Binary[DF_Follow1$TweetMedium==6])

## [1] 233
##### Support Check

Support_Full_1 <- Support_Check_Binary ~ 0 + as.factor(TweetMedium)

lm_Support_Full_1 <- lm(Support_Full_1,
                       data = DF_Follow1)

summary(lm_Support_Full_1)

##
## Call:
## lm(formula = Support_Full_1, data = DF_Follow1)

```

```

##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6756 -0.6304  0.3390  0.3656  0.3750
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  0.63043    0.03163   19.93 <2e-16 ***
## as.factor(TweetMedium)2  0.63436    0.03184   19.93 <2e-16 ***
## as.factor(TweetMedium)3  0.67556    0.03198   21.13 <2e-16 ***
## as.factor(TweetMedium)4  0.66102    0.03122   21.17 <2e-16 ***
## as.factor(TweetMedium)5  0.62500    0.03149   19.85 <2e-16 ***
## as.factor(TweetMedium)6  0.63519    0.03142   20.21 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4797 on 1377 degrees of freedom
## Multiple R-squared:  0.644, Adjusted R-squared:  0.6425
## F-statistic: 415.2 on 6 and 1377 DF,  p-value: < 2.2e-16
length(DF_Follow1$Support_Check_Binary[DF_Follow1$TweetMedium==1])

## [1] 230
length(DF_Follow1$Support_Check_Binary[DF_Follow1$TweetMedium==2])

## [1] 227
length(DF_Follow1$Support_Check_Binary[DF_Follow1$TweetMedium==3])

## [1] 225
length(DF_Follow1$Support_Check_Binary[DF_Follow1$TweetMedium==4])

## [1] 236
length(DF_Follow1$Support_Check_Binary[DF_Follow1$TweetMedium==5])

## [1] 232
length(DF_Follow1$Support_Check_Binary[DF_Follow1$TweetMedium==6])

## [1] 233
##### Sea Check

Sea_Full_1 <- Sea_Check_Binary ~ 0 + as.factor(TweetMedium)

lm_Sea_Full_1 <- lm(Sea_Full_1,
                   data = DF_Follow1)

summary(lm_Sea_Full_1)

##
## Call:
## lm(formula = Sea_Full_1, data = DF_Follow1)
##
## Residuals:
##      Min       1Q   Median       3Q      Max

```

```

## -0.7210 -0.6667 0.3130 0.3263 0.3524
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1 0.68696 0.03078 22.32 <2e-16 ***
## as.factor(TweetMedium)2 0.64758 0.03098 20.90 <2e-16 ***
## as.factor(TweetMedium)3 0.66667 0.03112 21.42 <2e-16 ***
## as.factor(TweetMedium)4 0.67373 0.03039 22.17 <2e-16 ***
## as.factor(TweetMedium)5 0.68534 0.03065 22.36 <2e-16 ***
## as.factor(TweetMedium)6 0.72103 0.03058 23.58 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4668 on 1377 degrees of freedom
## Multiple R-squared: 0.6811, Adjusted R-squared: 0.6798
## F-statistic: 490.3 on 6 and 1377 DF, p-value: < 2.2e-16
length(DF_Follow1$Sea_Check_Binary[DF_Follow1$TweetMedium==1])

## [1] 230
length(DF_Follow1$Sea_Check_Binary[DF_Follow1$TweetMedium==2])

## [1] 227
length(DF_Follow1$Sea_Check_Binary[DF_Follow1$TweetMedium==3])

## [1] 225
length(DF_Follow1$Sea_Check_Binary[DF_Follow1$TweetMedium==4])

## [1] 236
length(DF_Follow1$Sea_Check_Binary[DF_Follow1$TweetMedium==5])

## [1] 232
length(DF_Follow1$Sea_Check_Binary[DF_Follow1$TweetMedium==6])

## [1] 233

```

Interaction Effects

```

# looking at interactions between Trump and both informal language and Tweet
# looking at interactions between informal language and Tweet and between Tweet and Twitter Usage
# looking at interactions between Trump and political ideology

### two new formulas for interaction. 8 is interaction with partisanship. 9 is for age

Cred_Form_8 <- Credibility ~ Tweet*Trump + Informal*Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

Cred_Form_9 <- Credibility ~ Tweet*Q.Twitter_Some + Trump +

```

```

Q.Female +
relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
Q.Conservative + Q.Liberal + #uses party binaries
Q.Veteran

Cred_Form_10 <- Credibility ~ Tweet + Informal + Trump*Q.Conservative + Trump*Q.Liberal +
Q.Female +
relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
Q.Veteran + Q.Twitter_Some

Cred_8 <- lm(Cred_Form_8, data = DF_Follow1)
Cred_9 <- lm(Cred_Form_9, data = DF_Follow1)
Cred_10 <- lm(Cred_Form_10, data = DF_Follow1)

stargazer(Cred_8, Cred_9, Cred_10, title = "Credibility with Interaction Terms and Covariates", no.space

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@
## % Date and time: Sun, Dec 31, 2023 - 14:16:40
## \begin{table}[\!htbp] \centering
## \caption{Credibility with Interaction Terms and Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} & \hline
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Credibility} & \hline
## \hline & (1) & (2) & (3) & \hline
## \hline
## Tweet & 0.019 & $-0.098 & $-0.027 & \hline
## & (0.125) & (0.103) & (0.084) & \hline
## Trump & 0.368$^{***}$ & 0.236$^{***}$ & 0.186$^{*}$ & \hline
## & (0.124) & (0.072) & (0.105) & \hline
## Informal & 0.018 & & $-0.119 & \hline
## & (0.126) & & (0.084) & \hline
## Q.Female & 0.001 & $-0.001 & 0.038 & \hline
## & (0.074) & (0.074) & (0.071) & \hline
## relevel(as.factor(Q.Race), ref = 1)2 & 0.302$^{**}$ & 0.308$^{**}$ & 0.293$^{**}$ & \hline
## & (0.122) & (0.122) & (0.116) & \hline
## relevel(as.factor(Q.Race), ref = 1)3 & 0.458 & 0.500 & 0.422 & \hline
## & (0.404) & (0.404) & (0.385) & \hline
## relevel(as.factor(Q.Race), ref = 1)4 & 0.447$^{***}$ & 0.448$^{***}$ & 0.443$^{***}$ & \hline
## & (0.168) & (0.168) & (0.160) & \hline
## relevel(as.factor(Q.Race), ref = 1)5 & $-1.122 & $-1.116 & $-0.960 & \hline
## & (0.771) & (0.771) & (0.735) & \hline
## relevel(as.factor(Q.Race), ref = 1)6 & $-0.167 & $-0.163 & $-0.152 & \hline

```

```

## & (0.139) & (0.139) & (0.132) \\
## relevel(as.factor(Q.Race), ref = 1)7 & 0.124 & 0.117 & 0.156 \\
## & (0.245) & (0.245) & (0.233) \\
## relevel(as.factor(Q.Race), ref = 1)8 & 0.057 & 0.035 & 0.135 \\
## & (0.336) & (0.336) & (0.321) \\
## Q.Age & 0.004$^{*}$ & 0.004$^{*}$ & 0.004$^{*}$ \\
## & (0.002) & (0.002) & (0.002) \\
## Q.Bach & $-$0.134 & $-$0.141$^{*}$ & $-$0.110 \\
## & (0.085) & (0.085) & (0.081) \\
## Q.Income & $-$0.009 & $-$0.008 & $-$0.011 \\
## & (0.019) & (0.019) & (0.018) \\
## Q.Conservative & $-$0.046 & $-$0.060 & $-$0.647$^{***}$ \\
## & (0.091) & (0.090) & (0.121) \\
## Q.Liberal & $-$0.159$^{*}$ & $-$0.166$^{*}$ & 0.328$^{***}$ \\
## & (0.087) & (0.087) & (0.118) \\
## Q.Veteran & 0.116 & 0.120 & 0.096 \\
## & (0.114) & (0.114) & (0.109) \\
## Tweet:Q.Twitter\_Some & & 0.053 & \\
## & & (0.153) & \\
## Q.Twitter\_Some & 0.060 & 0.023 & 0.058 \\
## & (0.076) & (0.127) & (0.072) \\
## Tweet:Trump & $-$0.107 & & \\
## & (0.176) & & \\
## Trump:Informal & $-$0.182 & & \\
## & (0.177) & & \\
## Trump:Q.Conservative & & & 1.176$^{***}$ \\
## & & & (0.168) \\
## Trump:Q.Liberal & & & $-$0.956$^{***}$ \\
## & & & (0.165) \\
## Constant & 2.873$^{***}$ & 2.955$^{***}$ & 2.959$^{***}$ \\
## & (0.168) & (0.165) & (0.159) \\
## \hline \\[-1.8ex]
## Observations & 1,368 & 1,368 & 1,368 \\
## R$^{2}$ & 0.033 & 0.031 & 0.121 \\
## Adjusted R$^{2}$ & 0.019 & 0.018 & 0.108 \\
## Residual Std. Error & 1.325 (df = 1347) & 1.326 (df = 1349) & 1.263 (df = 1347) \\
## F Statistic & 2.294$^{***}$ (df = 20; 1347) & 2.362$^{***}$ (df = 18; 1349) & 9.271$^{***}$ (df = 20) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}

```

AC Sensitivity Analysis

Just ACs

```

DF4 <- subset(DF_Follow1, DF_Follow1$Target_Check_Binary==1)
DF5 <- subset(DF4, DF4$Support_Check_Binary==1)
DF6 <- subset(DF5, DF5$Sea_Check_Binary==1)

```

Subset

Analysis

```
Cred_Full_1 <- Credibility ~ 0 + as.factor(TweetMedium)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF6)

summary(lm_Cred_Full_1)

##
## Call:
## lm(formula = Cred_Full_1, data = DF6)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.6250 -1.0952  0.3750  0.9474  2.1395
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  2.8605     0.1438   19.89 <2e-16 ***
## as.factor(TweetMedium)2  3.0526     0.1530   19.95 <2e-16 ***
## as.factor(TweetMedium)3  3.0952     0.1680   18.42 <2e-16 ***
## as.factor(TweetMedium)4  3.4382     0.1414   24.32 <2e-16 ***
## as.factor(TweetMedium)5  3.6250     0.1491   24.31 <2e-16 ***
## as.factor(TweetMedium)6  3.1875     0.1667   19.12 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.334 on 452 degrees of freedom
## Multiple R-squared:  0.8557, Adjusted R-squared:  0.8538
## F-statistic: 446.9 on 6 and 452 DF,  p-value: < 2.2e-16

length(DF6$Credibility[DF6$TweetMedium==1])

## [1] 86

length(DF6$Credibility[DF6$TweetMedium==2])

## [1] 76

length(DF6$Credibility[DF6$TweetMedium==3])

## [1] 63

length(DF6$Credibility[DF6$TweetMedium==4])

## [1] 89

length(DF6$Credibility[DF6$TweetMedium==5])

## [1] 80

length(DF6$Credibility[DF6$TweetMedium==6])

## [1] 64

#time for some regressions

## Model 1: No Demographics
```

```

Cred_Form_1 <- Credibility ~ Tweet + Informal + Trump

## Model 5: Factor Demographics

Cred_Form_5 <- Credibility ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cred_1 <- lm(Cred_Form_1,
            data = DF6,
            na.action=na.omit)
Cred_5 <- lm(Cred_Form_5,
            data = DF6,
            na.action=na.omit)
Cred_7 <- lm(Cred_Form_7,
            data = DF6,
            na.action=na.omit)

stargazer(Cred_1, Cred_5, Cred_7, title = "Credibility, AC Questions Correct", no.space = TRUE)

```

Just MCs

```

DF7 <- subset(DF_Follow1, DF_Follow1$President_Check_Binary==1)
DF8 <- subset(DF7, DF7$Threat_Check_Binary==1)

```

Subset

```

Cred_Full_1 <- Credibility ~ 0 + as.factor(TweetMedium)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF8)

summary(lm_Cred_Full_1)

```

Analysis

```
##
## Call:
## lm(formula = Cred_Full_1, data = DF8)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.51389 -1.03165  0.04724  0.99010  2.04724
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(TweetMedium)1  3.0316     0.1072   28.27 <2e-16 ***
## as.factor(TweetMedium)2  2.9528     0.1196   24.68 <2e-16 ***
## as.factor(TweetMedium)3  3.0099     0.1341   22.44 <2e-16 ***
## as.factor(TweetMedium)4  3.5139     0.1123   31.28 <2e-16 ***
## as.factor(TweetMedium)5  3.4104     0.1165   29.29 <2e-16 ***
## as.factor(TweetMedium)6  3.0470     0.1104   27.59 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.348 on 807 degrees of freedom
## Multiple R-squared:  0.8482, Adjusted R-squared:  0.8471
## F-statistic: 751.5 on 6 and 807 DF, p-value: < 2.2e-16
length(DF8$Credibility[DF8$TweetMedium==1])

## [1] 158
length(DF8$Credibility[DF8$TweetMedium==2])

## [1] 127
length(DF8$Credibility[DF8$TweetMedium==3])

## [1] 101
length(DF8$Credibility[DF8$TweetMedium==4])

## [1] 144
length(DF8$Credibility[DF8$TweetMedium==5])

## [1] 134
length(DF8$Credibility[DF8$TweetMedium==6])

## [1] 149
#time for some regressions

## Model 1: No Demographics
Cred_Form_1 <- Credibility ~ Tweet + Informal + Trump

## Model 5: Factor Demographics
Cred_Form_5 <- Credibility ~ Tweet + Informal + Trump +
```

```

Q.Female +
relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
Q.Age + Q.HighSchool + Q.Bach +
factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility ~ Tweet + Informal + Trump +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cred_1 <- lm(Cred_Form_1,
             data = DF8,
             na.action=na.omit)
Cred_5 <- lm(Cred_Form_5,
             data = DF8,
             na.action=na.omit)
Cred_7 <- lm(Cred_Form_7,
             data = DF8,
             na.action=na.omit)

stargazer(Cred_1, Cred_5, Cred_7, title = "Credibility, MC Questions Correct", no.space = TRUE)

```

Follow On 2, Iran

```
DF_Follow2 <- read.csv("Data, Follow_2_Iran.csv")
```

Demographic Table Stats

```
### demographics
```

```
table(DF_Follow2$Q.Female)
```

```
##
```

```
## 0 1
```

```
## 709 774
```

```
length(na.omit(DF_Follow2$Q.Female[DF_Follow2$Q.Female==0]))/length(DF_Follow2$Q.Female)
```

```
## [1] 0.4758389
```

```

sum(na.omit(DF_Follow2$Q.Female))/length(DF_Follow2$Q.Female)

## [1] 0.5194631
sum(is.na(DF_Follow2$Q.Female))/length(DF_Follow2$Q.Female)

## [1] 0.004697987
sum(na.omit(DF_Follow2$Q.White))/length((DF_Follow2$Q.White))

## [1] 0.7194631
sum(na.omit(DF_Follow2$Q.Black))/length((DF_Follow2$Q.Black))

## [1] 0.1228188
sum(na.omit(DF_Follow2$Q.AIorAN))/length((DF_Follow2$Q.AIorAN))

## [1] 0.005369128
sum(na.omit(DF_Follow2$Q.Asian))/length((DF_Follow2$Q.Asian))

## [1] 0.03892617
sum(na.omit(DF_Follow2$Q.NHorPI))/length((DF_Follow2$Q.NHorPI))

## [1] 0.001342282
sum(na.omit(DF_Follow2$Q.Hispanic))/length((DF_Follow2$Q.Hispanic))

## [1] 0.08255034
sum(na.omit(DF_Follow2$Q.Mixed))/length((DF_Follow2$Q.Mixed))

## [1] 0.01879195
sum(na.omit(DF_Follow2$Q.Other))/length((DF_Follow2$Q.Other))

## [1] 0.01073826
sum(na.omit(DF_Follow2$Q.Other_Mixed))/length((DF_Follow2$Q.Other_Mixed))

## [1] 0.0295302
sum(is.na(DF_Follow2$Q.Race))/length(DF_Follow2$Q.Race)

## [1] 0
summary(DF_Follow2$Q.Age)

##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's
##  18.00  31.00  44.00  45.24  58.00  97.00    3

table(DF_Follow2$Q.Education)

##
##  1  2  3  4  5  6  7  8
##  5 51 364 422 190 334 28 96

sum((na.omit(DF_Follow2$Q.HighSchool)))/length((DF_Follow2$Q.HighSchool))

## [1] 0.9624161

```

```

sum((na.omit(DF_Follow2$Q.Bach)))/length((DF_Follow2$Q.Bach))

## [1] 0.3073826
sum(is.na(DF_Follow2$Q.Education))/length(DF_Follow2$Q.Education)

## [1] 0
table(DF_Follow2$Q.Income)

##
##  1  2  3  4  5  6  7  8
## 267 338 295 213 152 100 47 78
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==1]))/length(DF_Follow2$Q.Income)

## [1] 0.1791946
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==2]))/length(DF_Follow2$Q.Income)

## [1] 0.2268456
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==3]))/length(DF_Follow2$Q.Income)

## [1] 0.1979866
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==4]))/length(DF_Follow2$Q.Income)

## [1] 0.142953
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==5]))/length(DF_Follow2$Q.Income)

## [1] 0.1020134
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==6]))/length(DF_Follow2$Q.Income)

## [1] 0.06711409
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==7]))/length(DF_Follow2$Q.Income)

## [1] 0.03154362
length(na.omit(DF_Follow2$Q.Income[DF_Follow2$Q.Income==8]))/length(DF_Follow2$Q.Income)

## [1] 0.05234899
sum(is.na(DF_Follow2$Q.Income))/length(DF_Follow2$Q.Income)

## [1] 0
table(DF_Follow2$Q.Political_ID)

##
##  1  2  3  4  5
## 150 257 646 292 145
sum(na.omit(DF_Follow2$Q.Liberal))/length((DF_Follow2$Q.Liberal))

## [1] 0.2731544
sum(na.omit(DF_Follow2$Q.Moderate))/length((DF_Follow2$Q.Moderate))

## [1] 0.433557

```

```

sum(is.na(DF_Follow2$Q.Conservative))/length(DF_Follow2$Q.Conservative)

## [1] 0.2932886
sum(is.na(DF_Follow2$Q.Political_ID))/length(DF_Follow2$Q.Political_ID)

## [1] 0
table(DF_Follow2$Q.Veteran)

##
##    0    1
## 1342  148
length(na.omit(DF_Follow2$Q.Veteran[DF_Follow2$Q.Veteran==0]))/length(DF_Follow2$Q.Veteran)

## [1] 0.9006711
length(na.omit(DF_Follow2$Q.Veteran[DF_Follow2$Q.Veteran==1]))/length(DF_Follow2$Q.Veteran)

## [1] 0.09932886
sum(is.na(DF_Follow2$Q.Veteran))/length(DF_Follow2$Q.Veteran)

## [1] 0
#Twitter_Use
table(DF_Follow2$Q.Twitter_Use)

##
##    1    2    3    4    5
## 775 264 183 174  94
length(na.omit(DF_Follow2$Q.Twitter_Use[DF_Follow2$Q.Twitter_Use==1]))/length(DF_Follow2$Q.Twitter_Use)

## [1] 0.5201342
length(na.omit(DF_Follow2$Q.Twitter_Use[DF_Follow2$Q.Twitter_Use==2]))/length(DF_Follow2$Q.Twitter_Use)

## [1] 0.1771812
length(na.omit(DF_Follow2$Q.Twitter_Use[DF_Follow2$Q.Twitter_Use==3]))/length(DF_Follow2$Q.Twitter_Use)

## [1] 0.1228188
length(na.omit(DF_Follow2$Q.Twitter_Use[DF_Follow2$Q.Twitter_Use==4]))/length(DF_Follow2$Q.Twitter_Use)

## [1] 0.1167785
length(na.omit(DF_Follow2$Q.Twitter_Use[DF_Follow2$Q.Twitter_Use==5]))/length(DF_Follow2$Q.Twitter_Use)

## [1] 0.06308725
sum(is.na(DF_Follow2$Q.Twitter_Use))/length(DF_Follow2$Q.Twitter_Use)

## [1] 0
colnames(DF_Follow2)

## [1] "ResponseId"          "Tweet"                "Credibility_Iran"
## [4] "Threat_Check_Binary" "Target_Check_Binary" "Q.Female"
## [7] "Q.Race"               "Q.White"              "Q.Black"

```

```
## [10] "Q.AIorAN"           "Q.Asian"           "Q.NHorPI"
## [13] "Q.Hispanic"         "Q.Mixed"           "Q.Other"
## [16] "Q.Other_Mixed"      "Q.Age"             "Q.Education"
## [19] "Q.HighSchool"       "Q.Bach"            "Q.Income"
## [22] "Q.Political_ID"     "Q.Liberal"         "Q.Moderate"
## [25] "Q.Conservative"     "Q.Veteran"         "Q.Twitter_Use"
## [28] "Q.Twitter_None"     "Q.Twitter_Some"
```

Analysis

Credibility

```
## a simple regression for mean and se estimates
```

```
##### Credibility
```

```
Cred_Full_1 <- Credibility_Iran ~ 0 + as.factor(Tweet)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF_Follow2)

summary(lm_Cred_Full_1)
```

```
##
## Call:
## lm(formula = Cred_Full_1, data = DF_Follow2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.5778 -0.5778  0.4222  0.4434  1.4434
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.57781     0.04436   80.66 <2e-16 ***
## as.factor(Tweet)1  3.55659     0.04400   80.83 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.206 on 1488 degrees of freedom
## Multiple R-squared:  0.8976, Adjusted R-squared:  0.8974
## F-statistic: 6520 on 2 and 1488 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF_Follow2$Credibility_Iran[DF_Follow2$Tweet==1]))
```

```
## [1] 751
```

```
length(na.omit(DF_Follow2$Credibility_Iran[DF_Follow2$Tweet==0]))
```

```
## [1] 739
```

```
#time for some regressions
```

```
#let's do a couple different models
```

```
##DV: credibility, IV: Tweet binary
```

```

## Model 1: No Demographics

Cred_Form_1 <- Credibility_Iran ~ Tweet

## Model 2: Demographics in Erik's Paper

## Model 5: Factor Demographics

Cred_Form_5 <-
  Credibility_Iran ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility_Iran ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cred_1 <- lm(Cred_Form_1,
            data = DF_Follow2,
            na.action=na.omit)

Cred_5 <- lm(Cred_Form_5,
            data = DF_Follow2,
            na.action=na.omit)

Cred_7 <- lm(Cred_Form_7,
            data = DF_Follow2,
            na.action=na.omit)

library(stargazer)

stargazer(Cred_1, Cred_5, Cred_7, title = "Perceived Credibility with Covariates", no.space = TRUE)

#Credibility not separated

Cred_Alone <- as.data.frame(matrix(data = c("credibility", coefest(Cred_5)[2, 1:2], "Yes",
                                           "credibility", coefest(Cred_1)[2, 1:2], "No"),
                                ncol = 4, byrow = TRUE))

```

```

colnames(Cred_Alone) <- c("dv", "estimate", "se", "controls")

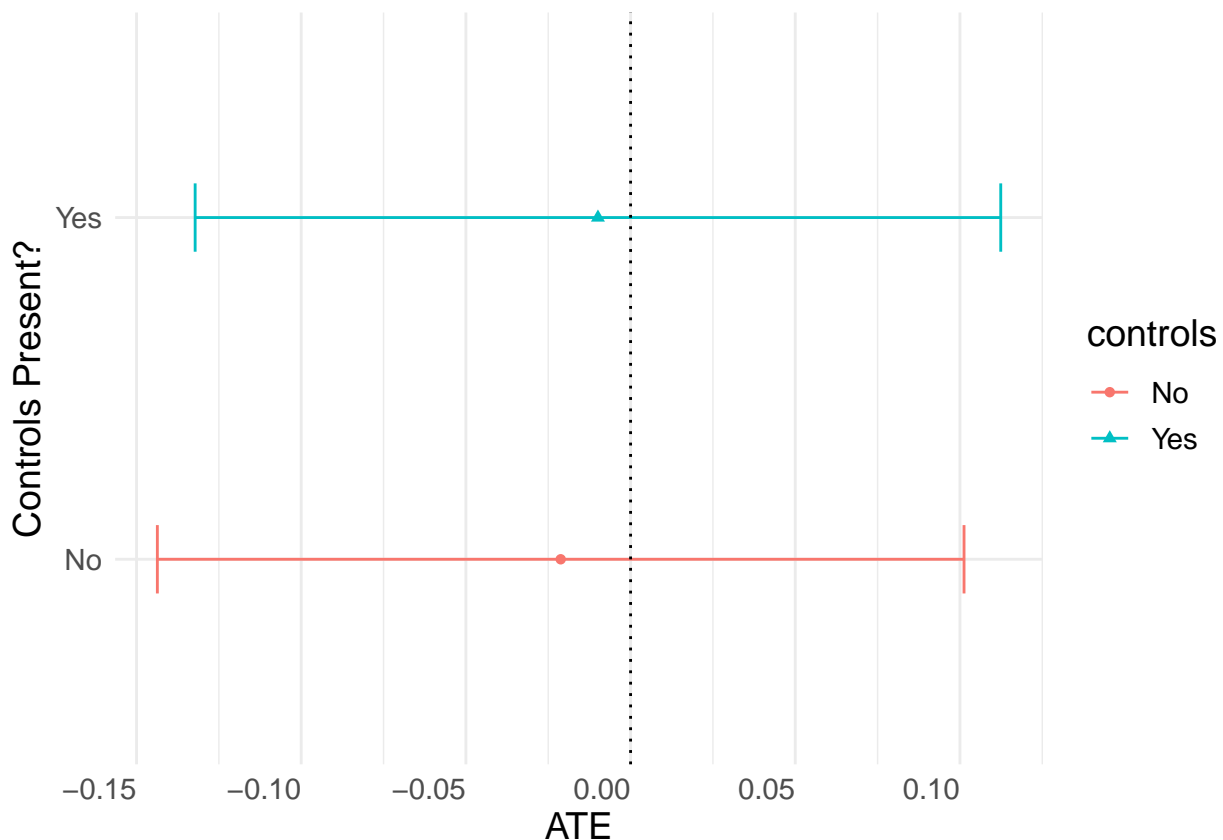
#making into correct operators
Cred_Alone$estimate <- as.numeric(Cred_Alone$estimate)
Cred_Alone$se <- as.numeric(Cred_Alone$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Cred_Alone$ci <- Cred_Alone$se*q

library(ggplot2)
## graph time
pd <- position_dodge(0.5)

ggplot(Cred_Alone, aes(x = controls, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Controls Present?") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```

#ggtitle("Credibility, ATE of Tweet Medium, Iran")

```

Manipulation Check

```

##### stargazer tables for MC
#### note: this version has removed the "backdown" binary variable

```

```

# Threat/Treatment Check

## Model 1: No Demographics

Threat_Form_1 <- Threat_Check_Binary ~ Tweet

## Model 5: Factor Demographics

Threat_Form_5 <- Threat_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Threat_Form_7 <- Threat_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Threat_1 <- lm(Threat_Form_1,
  data = DF_Follow2,
  na.action=na.omit)

Threat_5 <- lm(Threat_Form_5,
  data = DF_Follow2,
  na.action=na.omit)

Threat_7 <- lm(Threat_Form_7,
  data = DF_Follow2,
  na.action=na.omit)

stargazer(Threat_1, Threat_5, Threat_7, title = "Treatment Check Question with Covariates", no.space = "

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@
## % Date and time: Sun, Dec 31, 2023 - 14:16:41
## \begin{table}[!htbp] \centering
## \caption{Treatment Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} & \hline

```

```

## \cline{2-4}
## \[-1.8ex] & \multicolumn{3}{c}{Threat\_Check\_Binary} \\
## \[-1.8ex] & (1) & (2) & (3)\\
## \hline \[-1.8ex]
## Tweet &  $-\$0.126^{\{***\}}$  &  $-\$0.126^{\{***\}}$  &  $-\$0.127^{\{***\}}$  \\
## & (0.021) & (0.021) & (0.021) \\
## Q.Female &  $0.057^{\{***\}}$  &  $0.061^{\{***\}}$  \\
## & (0.022) & (0.021) \\
## relevel(as.factor(Q.Race), ref = 1)2 &  $-\$0.101^{\{***\}}$  &  $-\$0.107^{\{***\}}$  \\
## & (0.034) & (0.033) \\
## relevel(as.factor(Q.Race), ref = 1)3 & 0.069 & 0.047 \\
## & (0.151) & (0.150) \\
## relevel(as.factor(Q.Race), ref = 1)4 &  $-\$0.077$  &  $-\$0.072$  \\
## & (0.055) & (0.055) \\
## relevel(as.factor(Q.Race), ref = 1)5 &  $-\$0.272$  &  $-\$0.226$  \\
## & (0.283) & (0.281) \\
## relevel(as.factor(Q.Race), ref = 1)6 &  $-\$0.029$  &  $-\$0.025$  \\
## & (0.039) & (0.038) \\
## relevel(as.factor(Q.Race), ref = 1)7 &  $-\$0.008$  &  $-\$0.003$  \\
## & (0.077) & (0.076) \\
## relevel(as.factor(Q.Race), ref = 1)8 &  $-\$0.087$  &  $-\$0.096$  \\
## & (0.100) & (0.100) \\
## Q.Age & 0.0003 & 0.0004 \\
## & (0.001) & (0.001) \\
## Q.HighSchool & 0.037 & \\
## & (0.056) & \\
## Q.Bach &  $0.084^{\{***\}}$  &  $0.084^{\{***\}}$  \\
## & (0.024) & (0.024) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  $-\$0.013$  & \\
## & (0.041) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & 0.007 & \\
## & (0.034) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & 0.011 & \\
## & (0.036) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $4 & 0.011 & \\
## & (0.039) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $5 & 0.012 & \\
## & (0.038) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $6 &  $-\$0.0$  & \\
## & (0.035) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) $\hat{\mkern6mu}$ $7 &  $-\$0.0$  & \\
## & (0.031) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  $-\$0.032$  & \\
## & (0.032) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  $-\$0.046^{\{*\}}$  & \\
## & (0.028) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & 0.021 & \\
## & (0.026) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) $\hat{\mkern6mu}$ $4 &  $-\$0.022$  & \\
## & (0.021) & \\
## Q.Income &  $-\$0.002$  & \\
## & (0.006) & \\
## Q.Conservative &  $-\$0.024$  & \\
## & (0.025) &

```

```

## Q.Liberal & & & 0.013 \\
## & & & (0.025) \\
## Q.Veteran & & 0.002 & $-$0.001 \\
## & & (0.035) & (0.035) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.016 & \\
## & & (0.032) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.030 & \\
## & & (0.030) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.028 & \\
## & & (0.029) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.014 & \\
## & & (0.029) & \\
## Q.Twitter\_Some & & & 0.027 \\
## & & & (0.022) \\
## Constant & 0.858$^{***}$ & 0.769$^{***}$ & 0.801$^{***}$ \\
## & (0.015) & (0.065) & (0.045) \\
## \\hline \\[-1.8ex]
## Observations & 1,490 & 1,480 & 1,480 \\
## R$^{2}$ & 0.024 & 0.054 & 0.050 \\
## Adjusted R$^{2}$ & 0.023 & 0.036 & 0.040 \\
## Residual Std. Error & 0.399 (df = 1488) & 0.396 (df = 1451) & 0.395 (df = 1463) \\
## F Statistic & 36.824$^{***}$ (df = 1; 1488) & 2.977$^{***}$ (df = 28; 1451) & 4.815$^{***}$ (df = 16) \\
## \\hline
## \\hline \\[-1.8ex]
## \\textit{Note:} & \\multicolumn{3}{r}{\\$^{*}$p$<$0.1; \\$^{**}$p$<$0.05; \\$^{***}$p$<$0.01} \\
## \\end{tabular} \\
## \\end{table}

```

```
# Target Check
```

```
## Model 1: No Demographics
```

```
Target_Form_1 <- Target_Check_Binary ~ Tweet
```

```
## Model 5: Factor Demographics
```

```
Target_Form_5 <- Target_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Target_Form_7 <- Target_Check_Binary ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some
```

```

#regression

Target_1 <- lm(Target_Form_1,
               data = DF_Follow2,
               na.action=na.omit)

Target_5 <- lm(Target_Form_5,
               data = DF_Follow2,
               na.action=na.omit)

Target_7 <- lm(Target_Form_7,
               data = DF_Follow2,
               na.action=na.omit)

stargazer(Target_1, Target_5, Target_7, title = "Target Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@spu.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:41
## \begin{table}[\!htbp] \centering
## \caption{Target Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} & \hline
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Target\_Check\_Binary} & \hline
## \hline & (1) & (2) & (3) & \hline
## \hline
## Tweet & 0.047$^{*}$ & 0.051$^{**}$ & 0.047$^{*}$ & \hline
## & (0.026) & (0.026) & (0.026) & \hline
## Q.Female & & $-$0.012 & $-$0.005 & \hline
## & & (0.027) & (0.026) & \hline
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.088$^{**}$ & $-$0.102$^{**}$ & \hline
## & & (0.041) & (0.041) & \hline
## relevel(as.factor(Q.Race), ref = 1)3 & & 0.177 & 0.158 & \hline
## & & (0.187) & (0.186) & \hline
## relevel(as.factor(Q.Race), ref = 1)4 & & $-$0.040 & $-$0.020 & \hline
## & & (0.068) & (0.068) & \hline
## relevel(as.factor(Q.Race), ref = 1)5 & & $-$0.541 & $-$0.531 & \hline
## & & (0.349) & (0.347) & \hline
## relevel(as.factor(Q.Race), ref = 1)6 & & $-$0.037 & $-$0.036 & \hline
## & & (0.048) & (0.048) & \hline
## relevel(as.factor(Q.Race), ref = 1)7 & & 0.084 & 0.086 & \hline
## & & (0.094) & (0.094) & \hline
## relevel(as.factor(Q.Race), ref = 1)8 & & $-$0.169 & $-$0.182 & \hline
## & & (0.124) & (0.123) & \hline
## Q.Age & & 0.004$^{***}$ & 0.004$^{***}$ & \hline
## & & (0.001) & (0.001) & \hline
## Q.HighSchool & & 0.033 & & \hline
## & & (0.070) & & \hline
## Q.Bach & & 0.030 & 0.027 & \hline

```

```

## & & (0.030) & (0.030) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & 0.080 & \\
## & & (0.050) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & 0.042 & \\
## & & (0.042) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.051 & \\
## & & (0.045) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$4 & & $-$0.004 & \\
## & & (0.048) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$5 & & $-$0.001 & \\
## & & (0.047) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$6 & & $-$0.001 & \\
## & & (0.043) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$7 & & $-$0.001 & \\
## & & (0.038) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.055 & \\
## & & (0.039) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.029 & \\
## & & (0.035) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.015 & \\
## & & (0.032) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.004 & \\
## & & (0.026) & \\
## Q.Income & & & 0.006 \\
## & & & (0.007) \\
## Q.Conservative & & & 0.006 \\
## & & & (0.031) \\
## Q.Liberal & & & $-$0.035 \\
## & & & (0.031) \\
## Q.Veteran & & 0.045 & 0.043 \\
## & & (0.044) & (0.043) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.056 & \\
## & & (0.040) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.026 & \\
## & & (0.037) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.051 & \\
## & & (0.035) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.009 & \\
## & & (0.036) & \\
## Q.Twitter\_Some & & & 0.007 \\
## & & & (0.027) \\
## Constant & 0.541\^{***}$ & 0.355\^{***}$ & 0.362\^{***}$ \\
## & (0.018) & (0.080) & (0.055) \\
## \hline \\[-1.8ex]
## Observations & 1,490 & 1,480 & 1,480 \\
## R\^{2}$ & 0.002 & 0.049 & 0.037 \\
## Adjusted R\^{2}$ & 0.002 & 0.030 & 0.026 \\
## Residual Std. Error & 0.496 (df = 1488) & 0.488 (df = 1451) & 0.489 (df = 1463) \\
## F Statistic & 3.391\^{*}$ (df = 1; 1488) & 2.656\^{***}$ (df = 28; 1451) & 3.504\^{***}$ (df = 16; 1463) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{\^{*}$p$<$0.1; \^{**}$p$<$0.05; \^{***}$p$<$0.01} \\
## \end{tabular} \\
## \end{table}

```

```

## more detail on manipulation check

#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Treatment Check", coefest(Threat_1)[2, 1:2], "no",
    "Treatment Check", coefest(Threat_5)[2, 1:2], "yes",
    "Target Check", coefest(Target_1)[2, 1:2], "no",
    "Target Check", coefest(Target_5)[2, 1:2], "yes"),
    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

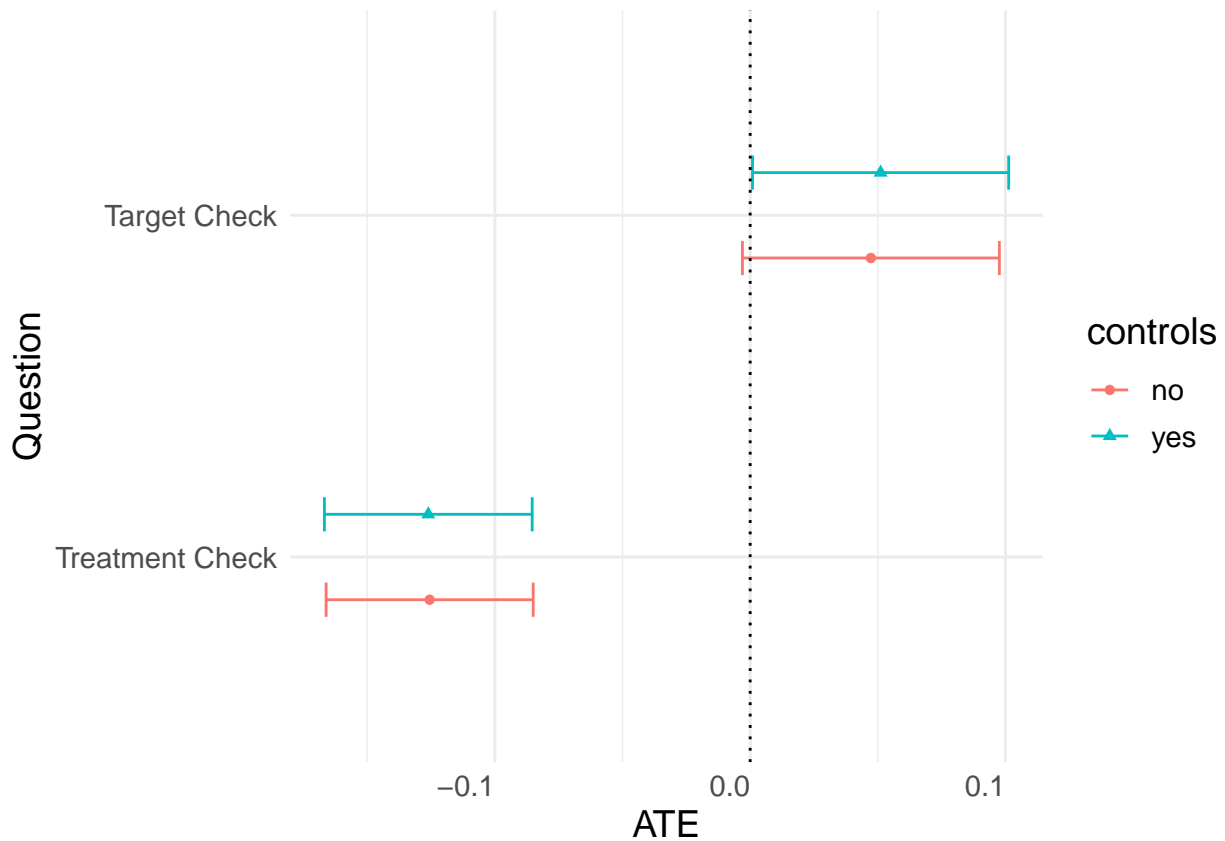
#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Treatment Check", "Target Check"))
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```
#ggtitle("Tweet Imagery ATE by MC or AC Question") +
## mean and se tables for threat check
####Threat/Treatment Check
Threat_Full_1 <- Threat_Check_Binary ~ 0 + as.factor(Tweet)

lm_Threat_Full_1 <- lm(Threat_Full_1,
                      data = DF_Follow2)

summary(lm_Threat_Full_1)

##
## Call:
## lm(formula = Threat_Full_1, data = DF_Follow2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.8579  0.1421  0.1421  0.2676  0.2676
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.85792     0.01469   58.40  <2e-16 ***
## as.factor(Tweet)1  0.73236     0.01457   50.26  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```

## Residual standard error: 0.3993 on 1488 degrees of freedom
## Multiple R-squared:  0.7996, Adjusted R-squared:  0.7993
## F-statistic: 2968 on 2 and 1488 DF,  p-value: < 2.2e-16
length(na.omit(DF_Follow2$Threat_Check_Binary[DF_Follow2$Tweet==1]))

## [1] 751
length(na.omit(DF_Follow2$Threat_Check_Binary[DF_Follow2$Tweet==0]))

## [1] 739
##### Target Check
Target_Full_1 <- Target_Check_Binary ~ 0 + as.factor(Tweet)

lm_Target_Full_1 <- lm(Target_Full_1,
                      data = DF_Follow2)

summary(lm_Target_Full_1)

##
## Call:
## lm(formula = Target_Full_1, data = DF_Follow2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.5886 -0.5413  0.4114  0.4587  0.4587
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.54127     0.01823   29.70  <2e-16 ***
## as.factor(Tweet)1  0.58855     0.01808   32.55  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4955 on 1488 degrees of freedom
## Multiple R-squared:  0.5661, Adjusted R-squared:  0.5655
## F-statistic: 970.6 on 2 and 1488 DF,  p-value: < 2.2e-16
length(na.omit(DF_Follow2$Target_Check_Binary[DF_Follow2$Tweet==1]))

## [1] 751
length(na.omit(DF_Follow2$Target_Check_Binary[DF_Follow2$Tweet==0]))

## [1] 739

```

Interaction Effects

```

# looking at interactions between partisanship and tweet
# and between age and Tweet

### two new formulas for interaction. 8 is interaction with partisanship. 9 is for age

Cred_Form_8 <- Credibility_Iran ~ Tweet*Q.Liberal + Tweet*Q.Conservative +
  Q.Female + relevel(as.factor(Q.Race), ref = 1) +
  Q.Age + Q.Bach + Q.Income + Q.Veteran + Q.Twitter_Some

```

```

Cred_Form_9 <- Credibility_Iran ~ Tweet*Q.Twitter_Some +
  Q.Female + relevel(as.factor(Q.Race), ref = 1) +
  Q.Bach + Q.Income + Q.Conservative + Q.Liberal +
  Q.Veteran + Q.Twitter_Some

Cred_8 <- lm(Cred_Form_8, data = DF_Follow2)
Cred_9 <- lm(Cred_Form_9, data = DF_Follow2)

stargazer(Cred_8, Cred_9, title = "Credibility with Interaction Terms with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:41
## \begin{table}[!htbp] \centering
## \caption{Credibility with Interaction Terms with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \hline
## \hline \hline \hline
## & \multicolumn{2}{c}{\textit{Dependent variable:}} & \\
## \cline{2-3}
## \hline & \multicolumn{2}{c}{Credibility_Iran} & \\
## \hline & (1) & (2) & \\
## \hline
## Tweet &  $-\$0.041$  &  $-\$0.0004$  & \\
## & (0.095) & (0.086) & \\
## Q.Liberal &  $-\$0.178^{**}$  &  $-\$0.091$  & \\
## & (0.108) & (0.076) & \\
## Q.Conservative & 0.014 & 0.017 & \\
## & (0.108) & (0.076) & \\
## Q.Female &  $0.348^{***}$  &  $0.354^{***}$  & \\
## & (0.064) & (0.064) & \\
## relevel(as.factor(Q.Race), ref = 1)2 & 0.156 & 0.121 & \\
## & (0.099) & (0.097) & \\
## relevel(as.factor(Q.Race), ref = 1)3 &  $-\$0.446$  &  $-\$0.453$  & \\
## & (0.453) & (0.453) & \\
## relevel(as.factor(Q.Race), ref = 1)4 &  $-\$0.338^{**}$  &  $-\$0.375^{**}$  & \\
## & (0.165) & (0.162) & \\
## relevel(as.factor(Q.Race), ref = 1)5 &  $-\$1.063$  &  $-\$1.079$  & \\
## & (0.845) & (0.845) & \\
## relevel(as.factor(Q.Race), ref = 1)6 &  $-\$0.149$  &  $-\$0.183$  & \\
## & (0.116) & (0.114) & \\
## relevel(as.factor(Q.Race), ref = 1)7 &  $-\$0.234$  &  $-\$0.231$  & \\
## & (0.229) & (0.229) & \\
## relevel(as.factor(Q.Race), ref = 1)8 &  $-\$0.459$  &  $-\$0.443$  & \\
## & (0.300) & (0.301) & \\
## Q.Age & 0.002 & & \\
## & (0.002) & & \\
## Q.Bach &  $-\$0.085$  &  $-\$0.069$  & \\
## & (0.073) & (0.072) & \\
## Q.Income & 0.008 & 0.008 & \\

```

```

## & (0.017) & (0.017) \\
## Q.Veteran & 0.167 & 0.186$^{*}$ \\
## & (0.106) & (0.105) \\
## Tweet:Q.Twitter\_Some & & $-$0.007 \\
## & & (0.124) \\
## Q.Twitter\_Some & 0.067 & 0.051 \\
## & (0.066) & (0.089) \\
## Tweet:Q.Liberal & 0.153 & \\
## & (0.152) & \\
## Tweet:Q.Conservative & $-$0.031 & \\
## & (0.148) & \\
## Constant & 3.299$^{***}$ & 3.384$^{***}$ \\
## & (0.139) & (0.096) \\
## \hline \\[-1.8ex]
## Observations & 1,480 & 1,483 \\
## R$^{2}$ & 0.035 & 0.033 \\
## Adjusted R$^{2}$ & 0.023 & 0.022 \\
## Residual Std. Error & 1.189 (df = 1461) & 1.191 (df = 1466) \\
## F Statistic & 2.924$^{***}$ (df = 18; 1461) & 3.109$^{***}$ (df = 16; 1466) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{2}{r}{\textit{\$}^{*}\textit{p}$<$0.1; \textit{\$}^{**}\textit{p}$<$0.05; \textit{\$}^{***}\textit{p}$<$0.01} \\
## \end{tabular}
## \end{table}

```

AC Sensitivity Analysis

Just ACs

```
DF4 <- subset(DF_Follow2, DF_Follow2$Target_Check_Binary==1)
```

Subset

```

## a simple regression for mean and se estimates

##### Credibility

Cred_Full_1 <- Credibility_Iran ~ 0 + as.factor(Tweet)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF4)

summary(lm_Cred_Full_1)

```

Analysis

```

##
## Call:
## lm(formula = Cred_Full_1, data = DF4)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.6606 -0.6606  0.3394  1.3394  1.3400

```

```
##
## Coefficients:
##           Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.66000    0.05913   61.90 <2e-16 ***
## as.factor(Tweet)1  3.66063    0.05625   65.08 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.183 on 840 degrees of freedom
## Multiple R-squared:  0.9057, Adjusted R-squared:  0.9055
## F-statistic:  4033 on 2 and 840 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF4$Credibility_Iran[DF4$Tweet==1]))
```

```
## [1] 442
```

```
length(na.omit(DF4$Credibility_Iran[DF4$Tweet==0]))
```

```
## [1] 400
```

```
#time for some regressions
```

```
#let's do a couple different models
```

```
##DV: credibility, IV: Tweet binary
```

```
## Model 1: No Demographics
```

```
Cred_Form_1 <- Credibility_Iran ~ Tweet
```

```
## Model 2: Demographics in Erik's Paper
```

```
## Model 5: Factor Demographics
```

```
Cred_Form_5 <-
```

```
  Credibility_Iran ~ Tweet + Q.Female +
```

```
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.HighSchool + Q.Bach +
```

```
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
```

```
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
```

```
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Cred_Form_7 <- Credibility_Iran ~ Tweet + Q.Female +
```

```
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
```

```
  Q.Conservative + Q.Liberal + #uses party binaries
```

```
  Q.Veteran + Q.Twitter_Some
```

```
#regression
```

```
Cred_1 <- lm(Cred_Form_1,
```

```
  data = DF4,
```

```

na.action=na.omit)

Cred_5 <- lm(Cred_Form_5,
            data = DF4,
            na.action=na.omit)

Cred_7 <- lm(Cred_Form_7,
            data = DF4,
            na.action=na.omit)

library(stargazer)

stargazer(Cred_1, Cred_5, Cred_7, title = "Perceived Credibility, AC Question Correct", no.space = TRUE)

```

Just MCs

```
DF5 <- subset(DF_Follow2, DF_Follow2$Threat_Check_Binary==1)
```

Subset

```

## a simple regression for mean and se estimates

##### Credibility

Cred_Full_1 <- Credibility_Iran ~ 0 + as.factor(Tweet)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF5)

summary(lm_Cred_Full_1)

```

Analysis

```

##
## Call:
## lm(formula = Cred_Full_1, data = DF5)
##
## Residuals:
##   Min     1Q Median     3Q    Max
## -2.640 -0.640  0.360  1.360  1.385
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.61514     0.04784   75.57 <2e-16 ***
## as.factor(Tweet)1  3.64000     0.05136   70.87 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.204 on 1182 degrees of freedom
## Multiple R-squared:  0.9008, Adjusted R-squared:  0.9006
## F-statistic: 5367 on 2 and 1182 DF, p-value: < 2.2e-16

```

```

length(na.omit(DF5$Credibility_Iran[DF5$Tweet==1]))

## [1] 550
length(na.omit(DF5$Credibility_Iran[DF5$Tweet==0]))

## [1] 634
#time for some regressions

#let's do a couple different models

##DV: credibility, IV: Tweet binary

## Model 1: No Demographics

Cred_Form_1 <- Credibility_Iran ~ Tweet

## Model 2: Demographics in Erik's Paper

## Model 5: Factor Demographics

Cred_Form_5 <-
  Credibility_Iran ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility_Iran ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cred_1 <- lm(Cred_Form_1,
  data = DF5,
  na.action=na.omit)

Cred_5 <- lm(Cred_Form_5,
  data = DF5,
  na.action=na.omit)

Cred_7 <- lm(Cred_Form_7,
  data = DF5,
  na.action=na.omit)

library(stargazer)

```

```
stargazer(Cred_1, Cred_5, Cred_7, title = "Perceived Credibility, MC Question Correct", no.space = TRUE)
```

Follow On 3, Vetting

```
DF_Follow3 <-read.csv("Data, Follow_3_Vetting.csv")
```

Demographic Table Stats

```
### demographics
```

```
table(DF_Follow3$Q.Female)
```

```
##
```

```
## 0 1
```

```
## 523 566
```

```
length(na.omit(DF_Follow3$Q.Female[DF_Follow3$Q.Female==0]))/length(DF_Follow3$Q.Female)
```

```
## [1] 0.4758872
```

```
sum(na.omit(DF_Follow3$Q.Female))/length(DF_Follow3$Q.Female)
```

```
## [1] 0.5150136
```

```
sum(is.na(DF_Follow3$Q.Female))/length(DF_Follow3$Q.Female)
```

```
## [1] 0.009099181
```

```
sum(na.omit(DF_Follow3$Q.White))/length((DF_Follow3$Q.White))
```

```
## [1] 0.7088262
```

```
sum(na.omit(DF_Follow3$Q.Black))/length((DF_Follow3$Q.Black))
```

```
## [1] 0.1155596
```

```
sum(na.omit(DF_Follow3$Q.AIorAN))/length((DF_Follow3$Q.AIorAN))
```

```
## [1] 0.006369427
```

```
sum(na.omit(DF_Follow3$Q.Asian))/length((DF_Follow3$Q.Asian))
```

```
## [1] 0.04913558
```

```
sum(na.omit(DF_Follow3$Q.NHorPI))/length((DF_Follow3$Q.NHorPI))
```

```
## [1] 0.002729754
```

```
sum(na.omit(DF_Follow3$Q.Hispanic))/length((DF_Follow3$Q.Hispanic))
```

```
## [1] 0.08644222
```

```
sum(na.omit(DF_Follow3$Q.Mixed))/length((DF_Follow3$Q.Mixed))
```

```
## [1] 0.02092812
```

```
sum(na.omit(DF_Follow3$Q.Other))/length((DF_Follow3$Q.Other))
```

```
## [1] 0.0100091
```

```

sum(na.omit(DF_Follow3$Q.Other_Mixed))/length((DF_Follow3$Q.Other_Mixed))

## [1] 0.03093722
sum(is.na(DF_Follow3$Q.Race))/length(DF_Follow3$Q.Race)

## [1] 0
summary(DF_Follow3$Q.Age)

##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##      0.38  30.00   42.00   49.95   57.00  6969.00     1
table(DF_Follow3$Q.Education)

##
##  1  2  3  4  5  6  7  8
##  5 40 278 250 158 244  28  96
sum((na.omit(DF_Follow3$Q.HighSchool)))/length((DF_Follow3$Q.HighSchool))

## [1] 0.9590537
sum((na.omit(DF_Follow3$Q.Bach)))/length((DF_Follow3$Q.Bach))

## [1] 0.3348499
sum(is.na(DF_Follow3$Q.Education))/length(DF_Follow3$Q.Education)

## [1] 0
table(DF_Follow3$Q.Income)

##
##  1  2  3  4  5  6  7  8
## 163 254 229 180  90  75  32  76
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==1]))/length(DF_Follow3$Q.Income)

## [1] 0.1483167
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==2]))/length(DF_Follow3$Q.Income)

## [1] 0.2311192
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==3]))/length(DF_Follow3$Q.Income)

## [1] 0.2083712
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==4]))/length(DF_Follow3$Q.Income)

## [1] 0.1637853
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==5]))/length(DF_Follow3$Q.Income)

## [1] 0.08189263
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==6]))/length(DF_Follow3$Q.Income)

## [1] 0.06824386
length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==7]))/length(DF_Follow3$Q.Income)

## [1] 0.02911738

```

```

length(na.omit(DF_Follow3$Q.Income[DF_Follow3$Q.Income==8]))/length(DF_Follow3$Q.Income)

## [1] 0.06915378
sum(is.na(DF_Follow3$Q.Income))/length(DF_Follow3$Q.Income)

## [1] 0
table(DF_Follow3$Q.Political_ID)

##
## 1 2 3 4 5
## 108 199 470 206 116
sum(na.omit(DF_Follow3$Q.Liberal))/length((DF_Follow3$Q.Liberal))

## [1] 0.2793449
sum(na.omit(DF_Follow3$Q.Moderate))/length((DF_Follow3$Q.Moderate))

## [1] 0.4276615
sum(na.omit(DF_Follow3$Q.Conservative))/length((DF_Follow3$Q.Conservative))

## [1] 0.2929936
sum(is.na(DF_Follow3$Q.Political_ID))/length(DF_Follow3$Q.Political_ID)

## [1] 0
table(DF_Follow3$Q.Veteran)

##
## 0 1
## 1015 84
length(na.omit(DF_Follow3$Q.Veteran[DF_Follow3$Q.Veteran==0]))/length(DF_Follow3$Q.Veteran)

## [1] 0.9235669
length(na.omit(DF_Follow3$Q.Veteran[DF_Follow3$Q.Veteran==1]))/length(DF_Follow3$Q.Veteran)

## [1] 0.07643312
sum(is.na(DF_Follow3$Q.Veteran))/length(DF_Follow3$Q.Veteran)

## [1] 0
#Twitter_Use
table(DF_Follow3$Q.Twitter_Use)

##
## 1 2 3 4 5
## 521 218 143 140 77
length(na.omit(DF_Follow3$Q.Twitter_Use[DF_Follow3$Q.Twitter_Use==1]))/length(DF_Follow3$Q.Twitter_Use)

## [1] 0.4740673
length(na.omit(DF_Follow3$Q.Twitter_Use[DF_Follow3$Q.Twitter_Use==2]))/length(DF_Follow3$Q.Twitter_Use)

## [1] 0.1983621

```

```

length(na.omit(DF_Follow3$Q.Twitter_Use[DF_Follow3$Q.Twitter_Use==3]))/length(DF_Follow3$Q.Twitter_Use)
## [1] 0.1301183
length(na.omit(DF_Follow3$Q.Twitter_Use[DF_Follow3$Q.Twitter_Use==4]))/length(DF_Follow3$Q.Twitter_Use)
## [1] 0.1273885
length(na.omit(DF_Follow3$Q.Twitter_Use[DF_Follow3$Q.Twitter_Use==5]))/length(DF_Follow3$Q.Twitter_Use)
## [1] 0.07006369
sum(is.na(DF_Follow3$Q.Twitter_Use))/length(DF_Follow3$Q.Twitter_Use)
## [1] 0

```

Analysis

Credibility

```

## a simple regression for mean and se estimates

##### Credibility

Cred_Full_1 <- Credibility ~ 0 + as.factor(Tweet)
lm_Cred_Full_1 <- lm(Cred_Full_1,
                    data = DF_Follow3)

summary(lm_Cred_Full_1)

##
## Call:
## lm(formula = Cred_Full_1, data = DF_Follow3)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.940 -0.940  0.060  1.066  2.066
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  2.93443     0.05395   54.40  <2e-16 ***
## as.factor(Tweet)1  2.94000     0.05390   54.55  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.264 on 1097 degrees of freedom
## Multiple R-squared:  0.844, Adjusted R-squared:  0.8437
## F-statistic: 2967 on 2 and 1097 DF, p-value: < 2.2e-16
length(na.omit(DF_Follow3$Credibility[DF_Follow3$Tweet==1]))
## [1] 550
length(na.omit(DF_Follow3$Credibility[DF_Follow3$Tweet==0]))
## [1] 549

```

```

#time for some regressions

#let's do a couple different models

##DV: credibility, IV: Tweet binary

## Model 1: No Demographics

Cred_Form_1 <- Credibility ~ Tweet

## Model 2: Demographics in Erik's Paper

## Model 5: Factor Demographics

Cred_Form_5 <-
  Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cred_Form_7 <- Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cred_1 <- lm(Cred_Form_1,
            data = DF_Follow3,
            na.action=na.omit)

Cred_5 <- lm(Cred_Form_5,
            data = DF_Follow3,
            na.action=na.omit)

Cred_7 <- lm(Cred_Form_7,
            data = DF_Follow3,
            na.action=na.omit)

library(stargazer)

stargazer(Cred_1, Cred_5, Cred_7, title = "Perceived Credibility with Covariates", no.space = TRUE)

```

Vetting

```
## a simple regression for mean and se estimates

##### Vetting

Vet_Full_1 <- Vetting ~ 0 + as.factor(Tweet)
lm_Vet_Full_1 <- lm(Vet_Full_1,
                    data = DF_Follow3)

summary(lm_Vet_Full_1)

##
## Call:
## lm(formula = Vet_Full_1, data = DF_Follow3)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.7418 -0.7377  0.2582  0.2623  0.2623
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.73770     0.01874   39.36 <2e-16 ***
## as.factor(Tweet)1  0.74182     0.01873   39.62 <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4392 on 1097 degrees of freedom
## Multiple R-squared:  0.7398, Adjusted R-squared:  0.7393
## F-statistic: 1559 on 2 and 1097 DF,  p-value: < 2.2e-16

length(na.omit(DF_Follow3$Vetting[DF_Follow3$Tweet==1]))

## [1] 550

length(na.omit(DF_Follow3$Vetting[DF_Follow3$Tweet==0]))

## [1] 549

#time for some regressions

#let's do a couple different models

##DV: Vetting, IV: Tweet binary

## Model 1: No Demographics

Vet_Form_1 <- Vetting ~ Tweet

## Model 2: Demographics in Erik's Paper

## Model 5: Factor Demographics
```

```

Vet_Form_5 <-
  Vetting ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Vet_Form_7 <- Vetting ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Vet_1 <- lm(Vet_Form_1,
           data = DF_Follow3,
           na.action=na.omit)

Vet_5 <- lm(Vet_Form_5,
           data = DF_Follow3,
           na.action=na.omit)

Vet_7 <- lm(Vet_Form_7,
           data = DF_Follow3,
           na.action=na.omit)

library(stargazer)

stargazer(Vet_1, Vet_5, Vet_7, title = "Perceived Vetting with Covariates", no.space = TRUE)

#Credibility and vetting

Cred_Alone <- as.data.frame(matrix(data = c("credibility", coefest(Cred_5)[2, 1:2], "Yes",
                                           "credibility", coefest(Cred_1)[2, 1:2], "No",
                                           "vetting", coefest(Vet_5)[2, 1:2], "Yes",
                                           "vetting", coefest(Vet_1)[2, 1:2], "No"),
                                ncol = 4, byrow = TRUE))

colnames(Cred_Alone) <- c("dv", "estimate", "se", "controls")

#making into correct operators
Cred_Alone$dv <- factor(Cred_Alone$dv, levels = c("credibility", "vetting"))
Cred_Alone$estimate <- as.numeric(Cred_Alone$estimate)
Cred_Alone$se <- as.numeric(Cred_Alone$se)

#adding in CIs

```

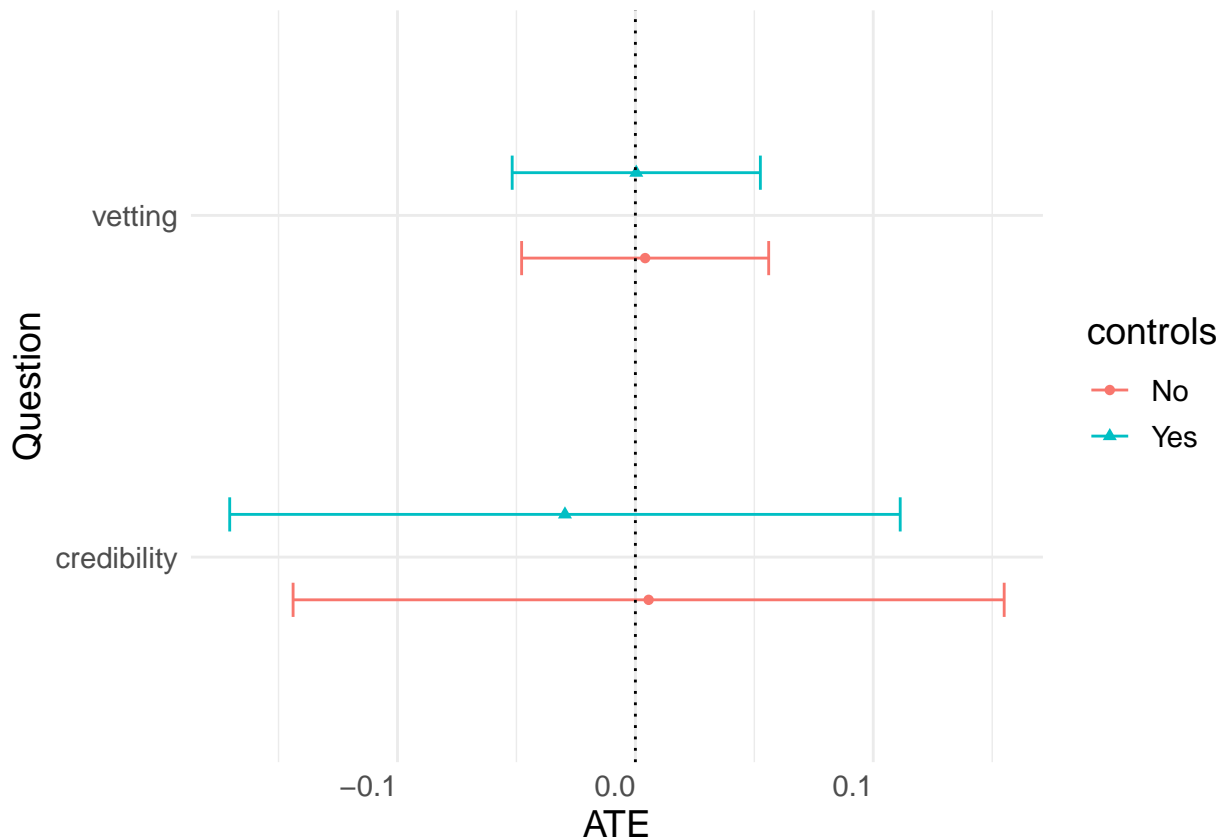
```

q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Cred_Alone$ci <- Cred_Alone$se*q

library(ggplot2)
## graph time
pd <- position_dodge(0.5)

ggplot(Cred_Alone, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```
#ggtitle("Credibility, ATE of Tweet Medium, Iran")
```

```
#Credibility and vetting
```

```

Cred_Alone <- as.data.frame(matrix(data = c("vetting", coeftest(Vet_5)[2, 1:2], "Yes",
  "vetting", coeftest(Vet_1)[2, 1:2], "No"),
  ncol = 4, byrow = TRUE))

```

```
colnames(Cred_Alone) <- c("dv", "estimate", "se", "controls")
```

```
#making into correct operators
```

```

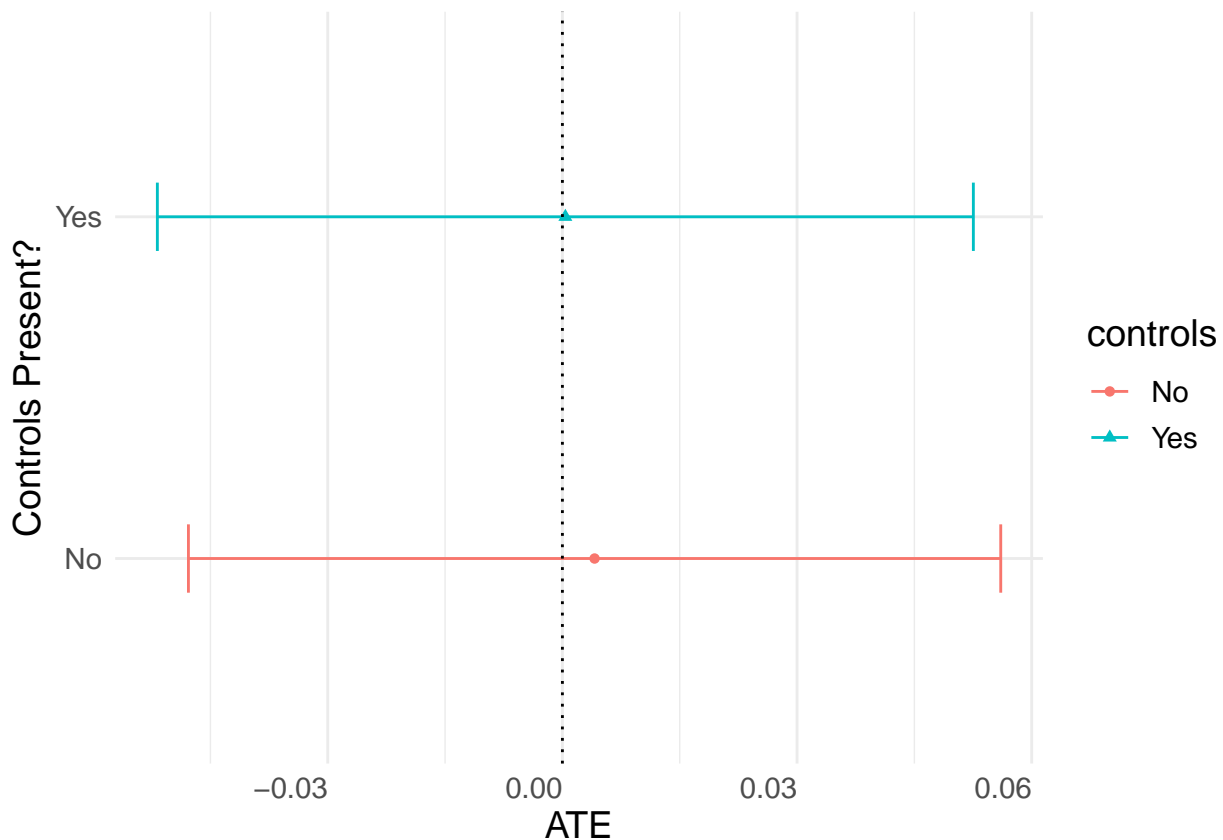
Cred_Alone$dv <- factor(Cred_Alone$dv, levels = c("vetting"))
Cred_Alone$estimate <- as.numeric(Cred_Alone$estimate)
Cred_Alone$se <- as.numeric(Cred_Alone$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Cred_Alone$ci <- Cred_Alone$se*q

library(ggplot2)
## graph time
pd <- position_dodge(0.5)

ggplot(Cred_Alone, aes(x = controls, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Controls Present?") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```
#ggtitle("Credibility, ATE of Tweet Medium, Iran")
```

Manipulation Check

```

# Target Check

## Model 1: No Demographics

```

```

Target_Form_1 <- Target_Check_Binary ~ Tweet

## Model 5: Factor Demographics

Target_Form_5 <- Target_Check_Binary ~ Tweet +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Target_Form_7 <- Target_Check_Binary ~ Tweet +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Target_1 <- lm(Target_Form_1,
  data = DF_Follow3,
  na.action=na.omit)

Target_5 <- lm(Target_Form_5,
  data = DF_Follow3,
  na.action=na.omit)

Target_7 <- lm(Target_Form_7,
  data = DF_Follow3,
  na.action=na.omit)

stargazer(Target_1, Target_5, Target_7, title = "Target Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@spol.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:42
## \begin{table}[!htbp] \centering
## \caption{Target Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \hline
## \hline \hline \hline
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \hline
## \cline{2-4}
## \hline & \multicolumn{3}{c}{Target\_Check\_Binary} \hline

```

```

## \[-1.8ex] & (1) & (2) & (3)\
## \hline \[-1.8ex]
## Tweet & 0.042 & 0.032 & 0.038 \
## & (0.029) & (0.029) & (0.029) \
## Q.Female & & $-$0.003 & $-$0.0003 \
## & & (0.030) & (0.030) \
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.118$^{**}$ & $-$0.135$^{***}$ \
## & & (0.046) & (0.046) \
## relevel(as.factor(Q.Race), ref = 1)3 & & 0.087 & 0.043 \
## & & (0.179) & (0.180) \
## relevel(as.factor(Q.Race), ref = 1)4 & & $-$0.147$^{**}$ & $-$0.149$^{**}$ \
## & & (0.067) & (0.067) \
## relevel(as.factor(Q.Race), ref = 1)5 & & $-$0.014 & $-$0.009 \
## & & (0.272) & (0.274) \
## relevel(as.factor(Q.Race), ref = 1)6 & & $-$0.069 & $-$0.065 \
## & & (0.052) & (0.052) \
## relevel(as.factor(Q.Race), ref = 1)7 & & $-$0.134 & $-$0.121 \
## & & (0.111) & (0.111) \
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.275$^{*}$ & 0.311$^{**}$ \
## & & (0.150) & (0.150) \
## Q.Age & & 0.0001 & 0.0001 \
## & & (0.0001) & (0.0001) \
## Q.HighSchool & & 0.043 & \
## & & (0.077) & \
## Q.Bach & & $-$0.002 & $-$0.001 \
## & & (0.034) & (0.034) \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & $-$0.022 & \
## & & (0.056) & \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.112$^{**}$ & \
## & & (0.046) & \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.058 & \
## & & (0.049) & \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$4 & & 0.087 & \
## & & (0.056) & \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$5 & & 0.050 & \
## & & (0.054) & \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$6 & & 0.010 & \
## & & (0.048) & \
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$7 & & $-$0.0 & \
## & & (0.044) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.103$^{**}$ & \
## & & (0.043) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.074$^{*}$ & \
## & & (0.039) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.069$^{*}$ & \
## & & (0.036) & \
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & 0.012 & \
## & & (0.029) & \
## Q.Income & & & 0.004 \
## & & & (0.008) \
## Q.Conservative & & & 0.001 \
## & & & (0.035) \
## Q.Liberal & & & 0.049 \
## & & & (0.036) \

```

```

## Q.Veteran & & $-$0.014 & 0.001 \\
## & & (0.056) & (0.056) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.121$^{***}$ & \\
## & & (0.042) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.060 & \\
## & & (0.040) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.039 & \\
## & & (0.037) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-$0.084$
## & & (0.038) & \\
## Q.Twitter\_Some & & & $-$0.030 \\
## & & & (0.030) \\
## Constant & 0.641$^{***}$ & 0.605$^{***}$ & 0.655$^{***}$ \\
## & (0.020) & (0.081) & (0.043) \\
## \\hline \\[-1.8ex]
## Observations & 1,099 & 1,089 & 1,089 \\
## R$^{2}$ & 0.002 & 0.050 & 0.024 \\
## Adjusted R$^{2}$ & 0.001 & 0.025 & 0.010 \\
## Residual Std. Error & 0.473 (df = 1097) & 0.468 (df = 1060) & 0.471 (df = 1072) \\
## F Statistic & 2.217 (df = 1; 1097) & 2.007$^{***}$ (df = 28; 1060) & 1.678$^{**}$ (df = 16; 1072) \\
## \\hline
## \\hline \\[-1.8ex]
## \\textit{Note:} & \\multicolumn{3}{r}{\\$^{*}$p$<$0.1; \\$^{**}$p$<$0.05; \\$^{***}$p$<$0.01} \\
## \\end{tabular}
## \\end{table}

```

```
# Support Check
```

```
## Model 1: No Demographics
```

```
Support_Form_1 <- Support_Check_Binary ~ Tweet
```

```
## Model 5: Factor Demographics
```

```
Support_Form_5 <- Support_Check_Binary ~ Tweet +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Support_Form_7 <- Support_Check_Binary ~ Tweet +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some
```

```
#regression
```

```
Support_1 <- lm(Support_Form_1,  
  data = DF_Follow3,  
  na.action=na.omit)
```

```
Support_5 <- lm(Support_Form_5,  
  data = DF_Follow3,  
  na.action=na.omit)
```

```
Support_7 <- lm(Support_Form_7,  
  data = DF_Follow3,  
  na.action=na.omit)
```

```
stargazer(Support_1, Support_5, Support_7, title = "Support Check Question with Covariates", no.space =
```

```
##  
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz  
## % Date and time: Sun, Dec 31, 2023 - 14:16:43  
## \begin{table}[!htbp] \centering  
## \caption{Support Check Question with Covariates}  
## \label{}  
## \begin{tabular}{@{\extracolsep{5pt}}lccc}  
## \hline  
## \hline \hline  
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\  
## \cline{2-4}  
## \hline & \multicolumn{3}{c}{Support\_Check\_Binary} \\  
## \hline & (1) & (2) & (3) \\  
## \hline  
## Tweet &  $-\$0.030$  &  $-\$0.035$  &  $-\$0.026$  \\  
## & (0.029) & (0.029) & (0.029) \\  
## Q.Female &  $-\$0.093^{***}$  &  $-\$0.092^{***}$  & \\  
## & (0.030) & (0.030) \\  
## relevel(as.factor(Q.Race), ref = 1)2 &  $-\$0.120^{***}$  &  $-\$0.130^{***}$  & \\  
## & (0.046) & (0.046) \\  
## relevel(as.factor(Q.Race), ref = 1)3 &  $-\$0.016$  &  $-\$0.040$  \\  
## & (0.179) & (0.179) \\  
## relevel(as.factor(Q.Race), ref = 1)4 & 0.070 & 0.076 \\  
## & (0.067) & (0.067) \\  
## relevel(as.factor(Q.Race), ref = 1)5 & 0.258 & 0.284 \\  
## & (0.272) & (0.273) \\  
## relevel(as.factor(Q.Race), ref = 1)6 & 0.011 & 0.012 \\  
## & (0.052) & (0.052) \\  
## relevel(as.factor(Q.Race), ref = 1)7 &  $-\$0.187^*$  &  $-\$0.187^*$  & \\  
## & (0.111) & (0.111) \\  
## relevel(as.factor(Q.Race), ref = 1)8 & 0.029 & 0.044 \\  
## & (0.150) & (0.150) \\  
## Q.Age &  $-\$0.0001$  &  $-\$0.0001$  \\  
## & (0.0001) & (0.0001) \\  
## Q.HighSchool &  $0.238^{***}$  & \\  
## & (0.077) & \\  
##
```

```

## Q.Bach & & 0.066$^{*}$ & 0.072$^{**}$ \\
## & & (0.034) & (0.034) \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & 0.040 & \\
## & & (0.056) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & 0.007 & \\
## & & (0.046) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & 0.066 & \\
## & & (0.049) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$4 & & 0.048 & \\
## & & (0.056) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$5 & & $-$0.017 & \\
## & & (0.054) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$6 & & 0.017 & \\
## & & (0.048) & \\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$7 & & $-$0.017 & \\
## & & (0.044) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.089$^{**}$ & \\
## & & (0.044) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.008 & \\
## & & (0.039) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.055 & \\
## & & (0.036) & \\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.025 & \\
## & & (0.029) & \\
## Q.Income & & & 0.012 \\
## & & & (0.008) \\
## Q.Conservative & & & 0.007 \\
## & & & (0.035) \\
## Q.Liberal & & & 0.054 \\
## & & & (0.035) \\
## Q.Veteran & & 0.013 & 0.019 \\
## & & (0.056) & (0.056) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.004 & \\
## & & (0.042) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & 0.034 & \\
## & & (0.040) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.033 & \\
## & & (0.037) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.020 & \\
## & & (0.038) & \\
## Q.Twitter\_Some & & & $-$0.003 \\
## & & & (0.030) \\
## Constant & 0.668$^{***}$ & 0.489$^{***}$ & 0.648$^{***}$ \\
## & (0.020) & (0.081) & (0.043) \\
## \hline \\[-1.8ex]
## Observations & 1,099 & 1,089 & 1,089 \\
## R$^{2}$ & 0.001 & 0.060 & 0.042 \\
## Adjusted R$^{2}$ & 0.0001 & 0.035 & 0.028 \\
## Residual Std. Error & 0.476 (df = 1097) & 0.468 (df = 1060) & 0.470 (df = 1072) \\
## F Statistic & 1.113 (df = 1; 1097) & 2.424$^{***}$ (df = 28; 1060) & 2.964$^{***}$ (df = 16; 1072) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:} & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}

```

```

## \end{table}
# Sea Check

## Model 1: No Demographics

Sea_Form_1 <- Sea_Check_Binary ~ Tweet

## Model 5: Factor Demographics

Sea_Form_5 <- Sea_Check_Binary ~ Tweet +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Sea_Form_7 <- Sea_Check_Binary ~ Tweet +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Sea_1 <- lm(Sea_Form_1,
  data = DF_Follow3,
  na.action=na.omit)

Sea_5 <- lm(Sea_Form_5,
  data = DF_Follow3,
  na.action=na.omit)

Sea_7 <- lm(Sea_Form_7,
  data = DF_Follow3,
  na.action=na.omit)

stargazer(Sea_1, Sea_5, Sea_7, title = "Sea Check Question with Covariates", no.space = TRUE)

##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@sp.i.cas.cz
## % Date and time: Sun, Dec 31, 2023 - 14:16:43
## \begin{table}[!htbp] \centering
## \caption{Sea Check Question with Covariates}
## \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}

```

```

## \[-1.8ex]\hline
## \hline \[-1.8ex]
## & \multicolumn{3}{c}{\textit{Dependent variable:}} \\\
## \cline{2-4}
## \[-1.8ex] & \multicolumn{3}{c}{Sea\_Check\_Binary} \\\
## \[-1.8ex] & (1) & (2) & (3)\\
## \hline \[-1.8ex]
## Tweet & 0.017 & 0.015 & 0.016 \\\
## & (0.030) & (0.030) & (0.030) \\\
## Q.Female & & 0.060$^{*}$ & 0.060$^{*}$ \\\
## & & (0.031) & (0.031) \\\
## relevel(as.factor(Q.Race), ref = 1)2 & & $-$0.125$^{***}$ & $-$0.127$^{***}$ \\\
## & & (0.048) & (0.048) \\\
## relevel(as.factor(Q.Race), ref = 1)3 & & $-$0.055 & $-$0.067 \\\
## & & (0.186) & (0.185) \\\
## relevel(as.factor(Q.Race), ref = 1)4 & & 0.065 & 0.068 \\\
## & & (0.070) & (0.069) \\\
## relevel(as.factor(Q.Race), ref = 1)5 & & 0.473$^{*}$ & 0.482$^{*}$ \\\
## & & (0.283) & (0.282) \\\
## relevel(as.factor(Q.Race), ref = 1)6 & & $-$0.038 & $-$0.033 \\\
## & & (0.054) & (0.053) \\\
## relevel(as.factor(Q.Race), ref = 1)7 & & 0.070 & 0.055 \\\
## & & (0.115) & (0.114) \\\
## relevel(as.factor(Q.Race), ref = 1)8 & & 0.196 & 0.192 \\\
## & & (0.155) & (0.155) \\\
## Q.Age & & $-$0.0001 & $-$0.0001 \\\
## & & (0.0001) & (0.0001) \\\
## Q.HighSchool & & $-$0.013 & \\\
## & & (0.079) & \\\
## Q.Bach & & $-$0.060$^{*}$ & $-$0.056 \\\
## & & (0.035) & (0.035) \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L & & 0.018 & \\\
## & & (0.058) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q & & $-$0.081$^{*}$ & \\\
## & & (0.048) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C & & $-$0.054 & \\\
## & & (0.051) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$4 & & 0.048 & \\\
## & & (0.058) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$5 & & 0.039 & \\\
## & & (0.056) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$6 & & $-$0.0 & \\\
## & & (0.050) & \\\
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))\hat{\mkern6mu}$7 & & $-$0.0 & \\\
## & & (0.046) & \\\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & $-$0.014 & \\\
## & & (0.045) & \\\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-$0.063 & \\\
## & & (0.040) & \\\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & $-$0.006 & \\\
## & & (0.037) & \\\
## factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))\hat{\mkern6mu}$4 & & $-$0.052 & \\\
## & & (0.030) & \\\
## Q.Income & & & 0.007 \\\

```

```

## & & & (0.008) \\
## Q.Conservative & & & 0.016 \\
## & & & (0.036) \\
## Q.Liberal & & & 0.025 \\
## & & & (0.037) \\
## Q.Veteran & & $-0.160$^{***}$ & $-0.154$^{***}$ \\
## & & (0.058) & (0.057) \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L & & 0.034 & \\
## & & (0.043) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q & & $-0.025 & \\
## & & (0.042) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C & & 0.017 & \\
## & & (0.039) & \\
## factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\\hat{\\mkern6mu}$4 & & $-0.020 & \\
## & & (0.040) & \\
## Q.Twitter\_Some & & & 0.055$^{*}$ \\
## & & & (0.031) \\
## Constant & 0.594$^{***}$ & 0.642$^{***}$ & 0.548$^{***}$ \\
## & (0.021) & (0.084) & (0.044) \\
## \\hline \\[-1.8ex]
## Observations & 1,099 & 1,089 & 1,089 \\
## R$^{2}$ & 0.0003 & 0.040 & 0.031 \\
## Adjusted R$^{2}$ & $-0.001 & 0.015 & 0.016 \\
## Residual Std. Error & 0.490 (df = 1097) & 0.486 (df = 1060) & 0.485 (df = 1072) \\
## F Statistic & 0.335 (df = 1; 1097) & 1.576$^{**}$ (df = 28; 1060) & 2.138$^{***}$ (df = 16; 1072) \\
## \\hline
## \\hline \\[-1.8ex]
## \\textit{Note:} & \\multicolumn{3}{r}{\\^{*}$p$<$0.1; \\^{**}$p$<$0.05; \\^{***}$p$<$0.01} \\
## \\end{tabular}
## \\end{table}

```

```
## more detail on manipulation check
```

```
## ATE of Tweet Treatment
```

```
#put all the names, estimates, SEs, and behavior into one df for graphing
```

```
Results_DF <- as.data.frame(matrix(data = c("Target Check", coefest(Target_1)[2, 1:2], "no",
"Target Check", coefest(Target_5)[2, 1:2], "yes",
"Support Check", coefest(Support_1)[2, 1:2], "no",
"Support Check", coefest(Support_5)[2, 1:2], "yes",
"Sea Check", coefest(Sea_1)[2, 1:2], "no",
"Sea Check", coefest(Sea_5)[2, 1:2], "yes"),
ncol = 4, byrow = TRUE))
```

```
colnames(Results_DF) <- c("dv", "estimate", "se", "controls")
```

```
#making into correct operators
```

```
Results_DF$dv <- factor(Results_DF$dv, levels = c("Target Check", "Support Check", "Sea Check"))
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)
```

```
#adding in CIs
```

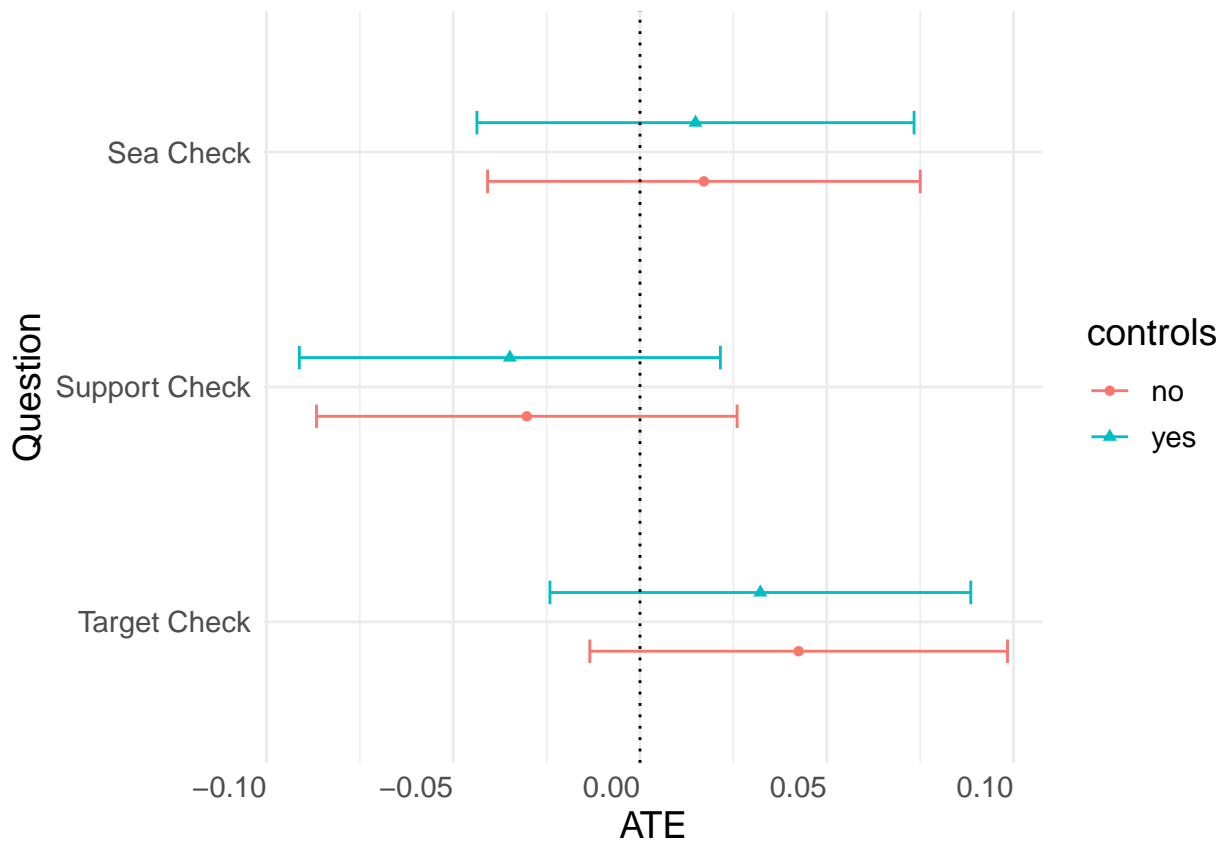
```
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q
```

```

## graph time
library(ggplot2)
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls)) +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()

```



```

#ggtitle("Tweet Imagery ATE by MC or AC Question") +

```

```

## mean and se tables

```

```

##### Target Check

```

```

Target_Full_1 <- Target_Check_Binary ~ 0 + as.factor(Tweet)

```

```

lm_Target_Full_1 <- lm(Target_Full_1,
  data = DF_Follow3)

```

```

summary(lm_Target_Full_1)

```

```

##

```

```

## Call:

```

```

## lm(formula = Target_Full_1, data = DF_Follow3)

```

```

##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6836 -0.6412  0.3164  0.3588  0.3588
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.64117    0.02018   31.77  <2e-16 ***
## as.factor(Tweet)1  0.68364    0.02016   33.91  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4728 on 1097 degrees of freedom
## Multiple R-squared:  0.6631, Adjusted R-squared:  0.6625
## F-statistic: 1080 on 2 and 1097 DF,  p-value: < 2.2e-16
length(na.omit(DF_Follow3$Target_Check_Binary[DF_Follow3$Tweet==1]))

## [1] 550
length(na.omit(DF_Follow3$Target_Check_Binary[DF_Follow3$Tweet==0]))

## [1] 549
##### Support Check
Support_Full_1 <- Support_Check_Binary ~ 0 + as.factor(Tweet)

lm_Support_Full_1 <- lm(Support_Full_1,
                       data = DF_Follow3)

summary(lm_Support_Full_1)

##
## Call:
## lm(formula = Support_Full_1, data = DF_Follow3)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6685 -0.6382  0.3315  0.3618  0.3618
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.66849    0.02032   32.90  <2e-16 ***
## as.factor(Tweet)1  0.63818    0.02030   31.44  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4761 on 1097 degrees of freedom
## Multiple R-squared:  0.6537, Adjusted R-squared:  0.653
## F-statistic: 1035 on 2 and 1097 DF,  p-value: < 2.2e-16
length(na.omit(DF_Follow3$Support_Check_Binary[DF_Follow3$Tweet==1]))

## [1] 550
length(na.omit(DF_Follow3$Support_Check_Binary[DF_Follow3$Tweet==0]))

## [1] 549

```

```
##### Sea Check
Sea_Full_1 <- Sea_Check_Binary ~ 0 + as.factor(Tweet)

lm_Sea_Full_1 <- lm(Sea_Full_1,
                    data = DF_Follow3)

summary(lm_Sea_Full_1)

##
## Call:
## lm(formula = Sea_Full_1, data = DF_Follow3)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6109 -0.5938  0.3891  0.4062  0.4062
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.59381     0.02090   28.41  <2e-16 ***
## as.factor(Tweet)1  0.61091     0.02088   29.25  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4898 on 1097 degrees of freedom
## Multiple R-squared:  0.6025, Adjusted R-squared:  0.6018
## F-statistic: 831.3 on 2 and 1097 DF,  p-value: < 2.2e-16

length(na.omit(DF_Follow3$Sea_Check_Binary[DF_Follow3$Tweet==1]))

## [1] 550

length(na.omit(DF_Follow3$Sea_Check_Binary[DF_Follow3$Tweet==0]))

## [1] 549
```

AC Sensitivity Analysis

Just three ACs

```
DF4 <- subset(DF_Follow3, DF_Follow3$Target_Check_Binary==1)
DF5 <- subset(DF4, DF4$Support_Check_Binary==1)
DF6 <- subset(DF5, DF5$Sea_Check_Binary==1)
```

Subset

Analysis

```
## a simple regression for mean and se estimates

##### Credibility

AC.Cred_Full_1 <- Credibility ~ 0 + as.factor(Tweet)
```

```
AC.lm_Cred_Full_1 <- lm(AC.Cred_Full_1,
                       data = DF6)
```

```
summary(AC.lm_Cred_Full_1)
```

Credibility

```
##
## Call:
## lm(formula = AC.Cred_Full_1, data = DF6)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.0603 -1.0603 -0.0098  0.9902  1.9902
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  3.06030     0.09075   33.72  <2e-16 ***
## as.factor(Tweet)1  3.00980     0.08964   33.58  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.28 on 401 degrees of freedom
## Multiple R-squared:  0.8496, Adjusted R-squared:  0.8488
## F-statistic: 1132 on 2 and 401 DF, p-value: < 2.2e-16
```

```
length(na.omit(DF6$Credibility[DF6$Tweet==1]))
```

```
## [1] 204
```

```
length(na.omit(DF6$Credibility[DF6$Tweet==0]))
```

```
## [1] 199
```

```
#time for some regressions
```

```
#let's do a couple different models
```

```
##DV: credibility, IV: Tweet binary
```

```
## Model 1: No Demographics
```

```
AC.Cred_Form_1 <- Credibility ~ Tweet
```

```
## Model 2: Demographics in Erik's Paper
```

```
## Model 5: Factor Demographics
```

```
AC.Cred_Form_5 <-
```

```
  Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.HighSchool + Q.Bach +
```

```
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
```

```
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered factor
```

```

Q.Veteran

## Model 7: Slightly simplified for the Appendix

AC.Cred_Form_7 <- Credibility ~ Tweet + Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran

#regression

AC.Cred_1 <- lm(AC.Cred_Form_1,
  data = DF6,
  na.action=na.omit)

AC.Cred_5 <- lm(AC.Cred_Form_5,
  data = DF6,
  na.action=na.omit)

AC.Cred_7 <- lm(AC.Cred_Form_7,
  data = DF6,
  na.action=na.omit)

library(stargazer)

stargazer(AC.Cred_1, AC.Cred_5, AC.Cred_7, title = "Perceived Credibility, AC Questions Correct", no.sp

```

```
## a simple regression for mean and se estimates
```

```
##### Vetting
```

```

Vet_Full_1 <- Vetting ~ 0 + as.factor(Tweet)
lm_Vet_Full_1 <- lm(Vet_Full_1,
  data = DF6)

summary(lm_Vet_Full_1)

```

Vetting

```

##
## Call:
## lm(formula = Vet_Full_1, data = DF6)
##
## Residuals:
##   Min     1Q  Median     3Q    Max
## -0.848  0.152  0.152  0.196  0.196
##
## Coefficients:

```

```
##              Estimate Std. Error t value Pr(>|t|)
## as.factor(Tweet)0  0.80402    0.02688  29.91  <2e-16 ***
## as.factor(Tweet)1  0.84804    0.02655  31.95  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.3792 on 401 degrees of freedom
## Multiple R-squared:  0.8269, Adjusted R-squared:  0.826
## F-statistic: 957.7 on 2 and 401 DF,  p-value: < 2.2e-16
length(na.omit(DF_Follow3$Vetting[DF_Follow3$Tweet==1]))
```

```
## [1] 550
```

```
length(na.omit(DF_Follow3$Vetting[DF_Follow3$Tweet==0]))
```

```
## [1] 549
```

```
#time for some regressions
```

```
#let's do a couple different models
```

```
##DV: Vetting, IV: Tweet binary
```

```
## Model 1: No Demographics
```

```
Vet_Form_1 <- Vetting ~ Tweet
```

```
## Model 2: Demographics in Erik's Paper
```

```
## Model 5: Factor Demographics
```

```
Vet_Form_5 <-
```

```
  Vetting ~ Tweet + Q.Female +
```

```
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.HighSchool + Q.Bach +
```

```
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) + #treats income as an ordered
```

```
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
```

```
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))
```

```
## Model 7: Slightly simplified for the Appendix
```

```
Vet_Form_7 <- Vetting ~ Tweet + Q.Female +
```

```
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
```

```
  Q.Age + Q.Bach + Q.Income + #treats income as a continuous variable, removes high school dummy
```

```
  Q.Conservative + Q.Liberal + #uses party binaries
```

```
  Q.Veteran + Q.Twitter_Some
```

```
#regression
```

```
Vet_1 <- lm(Vet_Form_1,
```

```
  data = DF6,
```

```
  na.action=na.omit)
```

```
Vet_5 <- lm(Vet_Form_5,  
           data = DF6,  
           na.action=na.omit)  
  
Vet_7 <- lm(Vet_Form_7,  
           data = DF6,  
           na.action=na.omit)  
  
library(stargazer)  
  
stargazer(Vet_1, Vet_5, Vet_7, title = "Perceived Vetting, All AC Questions Correct", no.space = TRUE)
```

Convert File